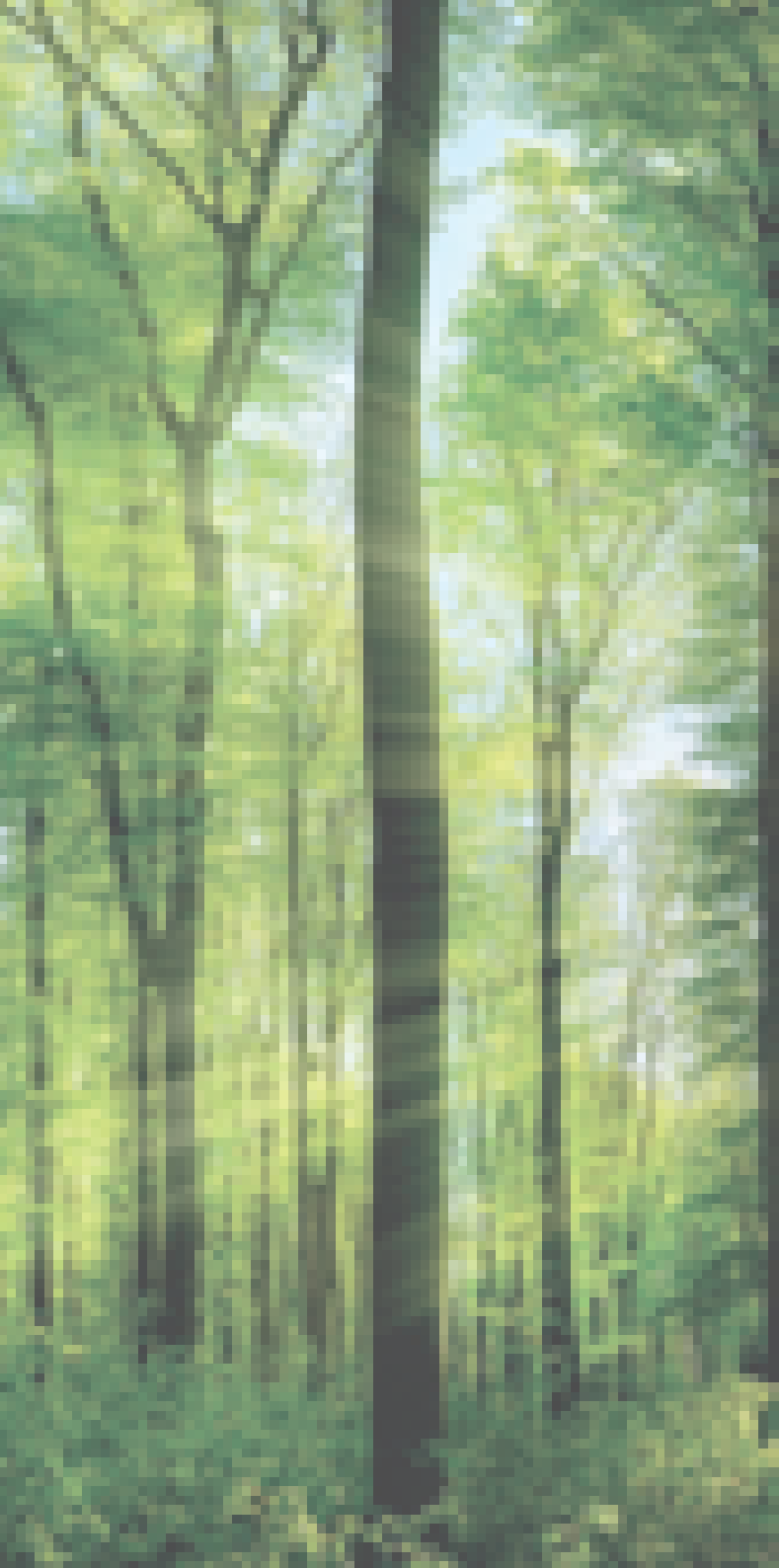




PRODUCT CATALOGUE

NATURAL WOOD CARE



IT ALL STARTS WITH AN IDEA

One of the largest beech forests in Germany.
In the middle of the national parc "Altmühltal".
A regional oil mill. We are manufacturing
specialty wood oils and care products.

That was 40 years ago!

Since then we have been developing
biological, sustainable wood treatment in our
manufacture in the natural parc of Altmühltal.
Waxes, oils and varnishes as well as specialty
treatment products for highest quality demands.

Our main concern is sustainability.
From regional raw materials up to environment
friendly manufacturing methods, that we
permanently monitor and optimize as
ISO 9001 and 14001 certified company.

This is what we work for every day.

For the respect of our beautiful nature
and for the love of wood.

Natural
wood care

For the love of wood



Natural protection and care

PNZ

PRODUCTS TERRACE

Treatment:

Bangkirai-Oil	20
Douglas Fir Terrace Oil	31
Deck & Cladding Oil for Douglas Fir	30
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Deck & Cladding Oil for Massaranduba	69
Deck Oil	90
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Deck Oil for Thermowood	91

Preparation:

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Teak Wood Cleaner	86
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Green Growth Remover	39
Impregnation Primer L118	62
Impregnation Primer W210	63

Additional final treatment:

Anti-Slip	82
End Grain Wax	84

PRODUCTS FACADE

Treatment:

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Wood Varnish	52
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Graying Oil	51
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Deck Oil for Thermowood	91
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Preparation:

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Exotic and Hardwood Cleaner	32
Teak Wood Cleaner	86
Garden Wood Cleaner	38
Green Growth Remover	39
Impregnation Primer L118	62
Impregnation Primer W210	63

Additional final treatment:

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PNZ

PNZ

PRODUCTS

WPC & BPC

Treatment:

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Preparation:

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PRODUCTS

CLEAN & CARE

EXTERIOR

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Teak Wood Cleaner	86
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PNZ

PRODUCTS

MORE FOR EXTERIOR

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PNZ

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PRODUCTS EVOLUTION

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PNZ

PNZ

PRODUCTS

FURNITURE & CO.

Treatment:

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Wood Wax W	58
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Color Oil	72
Wood Varnish	52
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Covering Wood Paint	49

Preparation:

Anti-Yellowing Finish	94
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PRODUCTS

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PRODUCTS

CLEAN & CARE

INTERIOR

Cleaning:

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Care:

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PRODUCTS

MORE PNZ

Treatment:

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Preparation:

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PRODUCTS

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PRODUCTS

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PNZ

PNZ

All Products

Paint Stripper

Acts quickly and reliably after 60 minutes

- » free of dichloromethane and N-methylpyrrolidone
- » removes paint thoroughly and precisely
- » also adheres to vertical surfaces

Suitable for: Removal of glazes, oil paints, synthetic resin paints, dispersion paints and for cleaning stone hard brushes (no plastic bristles). The stripper also dissolves several layers in one operation. Substrates made of wood, metal and masonry are not attacked. Plastics and non-solvent-resistant substrates can be attacked.

Application:

- Test the substrate for resistance. Cover non-permanent substrate.
- Apply to the test area.
- For large areas, work in sections. Cover areas which are not to be stripped.

Apply stripper with a brush and let it work in. Depending on the lacquer to be etched, the exposure time is approx. 60 minutes for critical paints up to several hours. In case of difficult to cure paints, remove the soldered layer with a paint scraper and repeat the working process. Then rinse the surface with water or special thinner.

Consumption: Approx. 300 - 600 ml / m² depending on the soiling and layer thickness, meaning 1 liter of stripper is enough for 1.5 – 3 m² area per coat.

Please read the technical data sheet or the product label before use.

Antique Wax

For indoors

- » old traditional formulation
- » made from pure beeswax
- » and other select resources

Suitable for: Restoration, protection and preservation of antique furniture, carvings and picture frames. Antique Wax rejuvenates treated wood and nurtures indoor raw wood such as wooden ceilings, wall cladding, beams, railings and cork. Antique Wax is also suitable to treat stained wood. It is diffusible, anti-static and protects against moisture and atmospheric influences (especially during the heating period). It preserves the natural aesthetic of wood.

Application:

- Wooden surface must be dry, clean and free of dust and grease.
- A prior treatment using an appropriate transparent oil increases resistance against all liquids like beer, wine or water.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Works differently depending on surface characteristics. A trial coat is recommended.
- Test color fastness of painted furniture on an unobtrusive spot, since "new" paint could blur.
- Antique Wax can be melted for use as a liquid wax treatment.

Apply Antique Wax thinly and evenly using a lint-free cloth or soft brush. The surface can be polished along the grain using a cloth or brush when it is completely dry. Consider a second treatment if the surface is highly absorbent. Antique Wax can be used to restore the natural color of wood that was stripped or treated with spent lye.

Consumption: Approximately 50 - 65 ml/m², meaning 1 liter of Antique Wax is enough for approximately 15 - 20 m² per application, depending on the kind of wood and surface (the exact amount can be determined by testing).



Please read the technical data sheet or the product label before use.

Countertop Cream

Manufactured at the heart of Bavaria

- » pure natural product
- » nurtures and revitalizes
- » keeps wood fresh

Suitable for: Tables, furniture, countertops... or the local regulars' table. Especially suitable for aftercare of oiled surfaces. Countertop Cream revitalizes the wood and protects against dirt and humidity.

Application:

- The wood substrate has to be dry, clean and free of dust and grease.
- A prior treatment with a suitable transparent oil increases resistance against all liquids like beer, wine or water.
- Effect varies depending on surface. A trial coat is necessary.
- Check color fastness of painted furniture on an unobtrusive spot on, since "new" colors can cause color blurring.
- Processing temperature (incl. drying) above + 18 °C. Moisture content of wood < 18%. Humidity < 60%.

Apply Countertop Cream thinly and evenly with a lint-free cloth and rub it in. Surface can be brushed up along the grain after thorough drying using a cloth or brush. Consider a second treatment if the surface is highly absorbent.

Consumption: Approximately 20 - 40 ml/m², meaning 1 liter of Countertop Cream is enough for approximately 25 - 50 m². Depending on the kind of wood and surface (The exact amount can be determined by testing).



Please read the technical data sheet or the product label before use.

Countertop Oil

For all woods, indoors

- » highly water repellent
- » care and protection
- » moisture regulating

Suitable for: All raw and leached wood indoors. Countertop Oil provides all treated surfaces with long-term protection against dirt and moisture.

Application:

- The untreated wood surface must be clean, dust-free and dry.
- Processing temperature (incl. drying) above + 18 °C. Moisture content of wood < 18%. Humidity < 60%.
- Brush out resinous wood with a suitable detergent and let dry for 12 hours.
- Oxygen and temperatures above + 18 °C accelerate the drying process. Drying takes approximately 2-3 days. Protect against water during this time.
- Stir contents well before and during use.
- Unused oil can be used undiluted as care oil.
- Important: Massive, glued and veneered wood all absorb the oil differently. Color deviations can occur. (Oil a sample!)

Apply Countertop Oil with oil roller or brush wet-on-wet and then roll until it remains wet-on-wet on the entire surface and it absorbs no more oil. (Depending on wood, takes up to 60 min.) Subsequently, remove excess oil with a cotton cloth and completely rub in the rest until the entire surface appears completely dry. After 24 hours or more, polish surface with cotton cloth. If necessary, apply a second time just like the first.

Consumption: Approximately 60 ml/m², meaning 1 liter of Countertop Oil is enough for approximately 15 m² per coating, depending on the type of wood and surface (planed or rough-sawn).

Countertop Oil Evolution

Natural protection for your countertop

- » new formulation based on renewable resources
- » highlights natural look of wood
- » highly durable and resistant to water, wine, etc.

Suitable for: Any raw or leached wood indoors. Countertop Oil Evolution offers long-term protection against dirt and moisture for all treated surfaces. Fit for cobalt or oxime allergy sufferers.

Application:

- The untreated wood surface has to be clean, dry and free of dust.
- Processing temperature (including drying) above 18 °C. Wood humidity < 18%. Air humidity < 60%.
- Brush out resinous wood with a suitable detergent and let wood dry for 12 hours.
- Only apply to completely dry surfaces.
- Oxygen and temperatures above 18 °C accelerate the drying process.
- Drying takes 24 hours. Protect against water during this period.
- Stir contents well before and during use.
- Undiluted leftover oil can be used as care oil.
- Important: Massive, glued or veneered wood all absorb the oil differently. Shifts in color are possible (oil a sample!).

Apply Countertop Oil Evolution to the dry wood using a roller or brush wet-on-wet. Keep applying until entire surface remains wet-on-wet and the surface absorbs no more oil (can take up to 60 minutes depending on wood!). Then rub in excess oil using a cotton cloth until entire surface appears dry. After 24 hours or longer polish with cotton cloth. Repeat as outlined if needed. During the first hour the characteristic odor of the natural oils and waxes may emerge. Ventilate well during this period. Long-term effectiveness is increased significantly by being to gentle to the countertop during the first days after application.

Consumption: Approximately 60 ml/m², meaning 1 liter of Worktop Oil Evolution is enough for approximately 15 m² per application, depending on the kind of wood and surface (planed or rough-sawn).



Please read the technical data sheet or the product label before use.



Please read the technical data sheet or the product label before use.

Exterior Oil

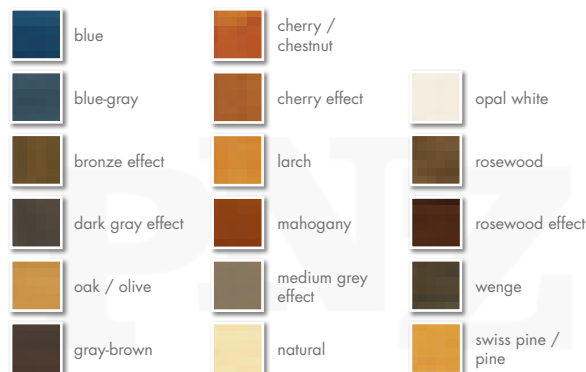
For any wood outdoors

- » natural wood protection
- » water-resistant
- » UV-resistant

Suitable for: New or renovation coats for native and exotic wood (wood decks, terraces, facade cladding, windows, doors, garden houses, timber frame, playsets, etc.). Pigmented Exterior Oil offers great protection against extreme climatic influences due to the deep impregnation of its non-film forming surface. Similar to bark Exterior Oil places itself in the capillary structures of wood and creates a highly water, weather and UV-resistant surface. Exterior Oil is free of toxic agents, odorless when dried and inoffensive in terms of building biology. Swelling and cracks are kept to a minimum.

Apply pigmented Exterior Oil to bare, untreated wood. After two or three applications by brush, roller or spray, with interim drying of 12 hrs the wood is weather-resistant. Remove oil paints, high-build coating systems and all pore-closing old coats by sanding, stripping or burning. Clean micro-porous finishes and sand if necessary. Apply then as previously described.

Consumption: Approximately 60-70 ml/m², meaning 1 liter of Exterior Oil is enough for approximately 15 m² per coat, depending on the type of wood and surface (rough-sawn or planed). Rubbed wood can increase consumption (by a factor of 2 - 3). Lower consumption affects the durability of the paint.



Please read the technical data sheet or the product label before use.

Bamboo Care Oil W

For outdoors

- » solvent-free
- » UV-protection
- » special formulation

Suitable for: Protection and preservation for terraces, trail markers, fences and suspended privacy screens made of bamboo. The oil emulsion produces a water-repellent, weather and UV-resistant surface that provides great protection against graying. The oil contains an active ingredient which protects the coat against mold, algae and fungi.

Application:

- Only suitable for bamboo that has been treated with biocides.
- The substrate must be clean, dry and free of mildew, mold stains, dust and grease.
- Application temperature (incl. drying) + 8 °C. Wood humidity < 18%. Air humidity < 60%. Final hardness is reached after 10 days. Handle with care during this period. Drying happens via oxidation and produces a characteristic odor, so ventilate well.
- Drying takes at least 8 - 12 hours (depending on weather), avoid exposure to moisture during this period.
- Bamboo Care Oil W should always be coated over with the same product for subsequent treatments.
- Stir and shake contents well before and during use.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Adhere to the rules of constructive wood protection.
- Apply once on all sides before assembly.
- Apply oil thinly and evenly - avoid layer formation and remove excess oil.

Apply Bamboo Care Oil W sparingly to the dry wood twice using a soft brush along the grain (avoid puddling). Collect excess material. Bamboo Care Oil W appears milky but is the indicated color when dry. The intensity of the color is influenced by the background texture. Do not leave more than 24 hours between first and second coat. The paint should be checked regularly and renewed as necessary.

Care: Use Bamboo Care Oil W for aftercare when needed (cracking or weathering), but at least once a year.

Consumption: Approximately 80 ml/m², meaning 1 liter of Bamboo Care Oil W is sufficient for approximately 12 m² per application depending on the type of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (by a factor of 2 - 3). Lower consumption affects durability of the coat.



Please read the technical data sheet or the product label before use.

Bangkirai Oil

For exotic wood indoors and outdoors

- » weather and UV-resistant
- » nurtures and protects for a long time
- » special formulation

Suitable for: Exotic wood (bangkirai, garapa, kambal, keruing, mahogany, meranti, nyatoh, roble, jarrah, bilinga, robinia, oak, thermowood, cedar). Bangkirai Oil nurtures exotic woods in outdoor areas. Ideal for wooden decks and garden furniture. Offers long-term protection against UV-rays and weather damages. Bangkirai Oil is abrasion-resistant, free of toxic substances and odorless when dry.

Application:

- Surface has to be clean, dry and free of dust.
- Remove contaminants (algae, grease, dirt) using an appropriate detergent.
- Woods with a particularly high content of wood components should be weathered for about 4 weeks prior to initial treatment. Fresh, pressure-treated wood like Massaranduba, Garapa, Ipè should be weathered for about 3 months prior to the initial treatment.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.
- Processing temperature (including drying) above 8 °C. Wood humidity < 18%. Air humidity < 60%.
- Can be painted over when partially dry after approximately 12 hours.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Adhere to rules of constructive wood preservation.
- Stir contents well before and during use.
- Final treatment using an appropriate transparent final coat increases abrasion resistance (especially decks).
- Apply once on all sides before assembly.
- Apply oil thinly and evenly - avoid film formation and remove excess oil.

Apply Bangkirai Oil to raw, untreated wood using brush, roller or spray nozzle. The wood is weather-resistant after two or three applications with 12 hours of drying in between. Bangkirai Oil can be used for aftercare on all common coats, if the substrate is viable (sand off inviable substrate!). Proceed as outlined before.

Consumption: Approximately 40 ml/m², meaning 1 liter of Bangkirai Oil is enough for approximately 25 m² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3). Lower consumption affects durability of the coat



Please read the technical data sheet or the product label before use.

Beeswax Balm

For indoors

- » open-pore
- » abrasion-resistant
- » made from pure beeswax

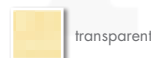
Suitable for: Wood ceilings, cladding, shelves, furniture, cork and antique wooden objects (furniture, timber frames, carvings). Beeswax Balm is anti-static and offers protection against moisture and soiling. Used as surface finish treated objects acquire a sophisticated look. Beeswax Balm is also suitable to renew protective varnish or to shine dull varnished surfaces.

Application:

- The substrate has to be clean and free of residue.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.

Apply Beeswax Balm thinly and evenly using a brush or lint-free cloth. Keep using brush even when thickened. Remove excess balm after approximately 15 - 30 minutes by wiping along the grain with a soft cloth. For a slightly glossy surface polish after 3 - 4 hours. A second treatment, applied the same as the first, provides extra saturation.

Consumption: Approximately 60 - 70 ml/m², meaning 1 liter of Beeswax Balm is enough for approximately 15 m² per application. The exact amount can be determined by testing.



Please read the technical data sheet or the product label before use.

Bio Wall Paint

Premium silicate / mineral paint

- » natural, free of solvents and plasticizers
- » excellent coverage for renovations
- » highly permeable to steam

Suitable for: Best suited for and universally usable on bearing lime or cement plaster, concrete, masonry, gypsum plaster and dispersion or silicate-based paint. Our product has been annealed using silica sol and it is free of solvents. It is naturally resistant to mold and washable.

Application:

- Substrate has to be clean, dry and free of frost and dust. (Additionally mineral substrate has to be viable and chemically neutral.
- Suitable for mineral, porous, absorbent, water repellent as well as organically bonded surfaces with at least partly mineral character.
- Check fresh plaster for dampness and solidity, sand down sinter layer.
- Carefully smoothen any bumps or imperfections to match the level and structure of the surrounding areas.
- Repair any cracks with plaster. Filled areas and regions with hairline cracks must be properly coated with a primer.
- Take particular note of visually demanding sections and verify under direct light that the surface is uniform and smooth.
- Processing temperature (including drying) above 8°C.
- Minimum drying time 5 hours per coat.
- Works differently depending on surface characteristics. A trial coat is recommended.
- Important: work using the wet-in-wet technique. Process a closed surface at the same time, from top to bottom, from left to right.

Preparation: Check viability of substrate; absorption, solidity and structure. Apply a trial coat to challenging and critical areas. Guarantee qualified processing. Carefully mask any areas which are to be excluded and protect from accidental spillage - especially glass, ceramic, ledges and cornices, expansion joints, paintwork and anodised aluminium. Apply one even and saturating coat. Not suited for application on soft substrates, soluble or effervescent substances, gypsum plasterboard, clay materials, paintwork varnish, synthetic plastics, or old paint coats which are glossy, non-porous, flaky or plasto-elastic.

Consumption: 120 - 140 g/m² per application on smooth surfaces with normal absorptive properties, meaning 1 liter of Wall Paint is enough for 6 - 8 m² per application. The exact amount can be determined by testing.



white

Please read the technical data sheet or the product label before use.

Bio Floor Wax

For indoors

- » wear-resistant
- » water and dirt-repellent
- » transparent

Suitable for: Natural treatment and preservation of hardwood and softwood floors, parquet, wood cladding, stair, laminate, cork and unglazed stone floors and terracotta floors. Bio Floor Wax preserves floors, is anti-static, wear-resistant and dirt-repellent. It simultaneously provides a gloss and highlights the texture.

Application:

- The wood substrate has to be dry, clean and free of dust and grease.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%. Untreated floors first have to be treated with an appropriate product.

Treated floors: Apply Bio Floor Wax thinly using a brush (or machine), burlap rag or lint-free cloth to clean surface and work it thoroughly into the wood. Polish using a soft rag, brush or floor polisher after approximately 2 - 3 hours. **Untreated floors:** Apply Bio Floor Wax at the earliest 24 hours after initial treatment as outlined above. Clean using water and soap, wipe damp. If needed use Bio Floor Wax for aftercare.

Consumption: Approximately 50 - 65 ml/m², meaning 1 liter of Bio Floor Wax is enough for approximately 15 - 20 m² per application, depending on the kind of wood and surface (determine exact amount through testing).



transparent

Please read the technical data sheet or the product label before use.

Floor Shine

Simply add to mopping water!

- » easy use
- » intensive cleaning and preserving
- » high yield

Suitable for: Full care of any water-proof floors and coats, i.e. sealed parquet, cork, PVC, linoleum, laminate, natural and artificial stone floors as well as tiles and rubber floors. Floor Shine is suitable for both polishing initial treatment as well as continued maintenance when added to mopping water.

Application:

- First undiluted treatment for freshly varnished floors is possible after approximately 14 days. For freshly waxed floors first undiluted treatment is possible after approximately 6 days. Processing temperature (including drying) above 8 °C.

First treatment of newly laid floors or floors that recently underwent basic cleaning: Apply undiluted Floor Shine once thinly and evenly. When applied undiluted, polish afterwards. Continued maintenance: Put approximately 30 - 50 ml of Floor Shine into a 10 liter bucket filled with clear water and wipe damp.

Consumption: Approximately 40 - 50 ml/m², meaning 1 liter of undiluted Floor Shine is enough for approximately 20 - 25 m² per application. Continued maintenance: 1 liter of Floor Shine is enough for approximately 20 cleaning cycles.

Crayee Finest Silicate Chalk Paint

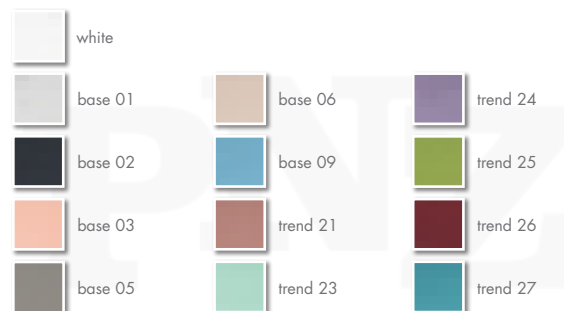
Create your Shabby Chic

- » solvent free
- » matt
- » permeable

Suitable for: Crayee Finest Silicate Chalk Paint is suitable for creative design indoors or Shabby chic art. Crayee Finest Silicate Chalk Paint is based on mineral raw materials and is safe for humans and the environment. Ideal for indoor use on lime and cement plaster, gypsum and clay plaster, concrete, brick, wallpaper and raw wood, as well as universally suitable for furniture. Can also be used on matt emulsion paint and silicone resin paint. Crayee Finest Silicate Chalk Paint is solvent-free and enriched with silica sol, which makes it ideal for substrates. The special ingredients cause a microporous, inseparable fusion to the substrate. This silicification results in perfect adhesion and extremely high durability even on critical substrates.

Setup: Stir contents well before use. Check the substrate suitability: note absorption capacity, sturdiness and structure of the particular substrate, if necessary dilute with up to 10% water. Create test area to check the absorption behavior and the visual appearance of the substrate in question. Work using only the wet-on-wet technique for a uniform surface appearance.

Consumption: 100-125 ml/m² per coat on smooth, normally absorbent substrates. 1 liter Crayee Finest Silicate Chalk Paint is sufficient for up to 8-10 m² per coat. The exact amount can be determined in the sample test. Dilute with water as needed.



Please read the technical data sheet or the product label before use.

Please read the technical data sheet or the product label before use.

Crayee Sealant

Protect your Shabby chic items

- » water-based
- » final coat for Silicate Chalk Paint
- » durable and water-resistant

Suitable for: Indoor surfaces that were painted with Silicate Chalk Paint. Specially made for surfaces exposed to high-stress, such as furnitures, tables, chairs and benches.

Application:

- Processing temperature above 18 °C, but below 30 °C.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Stir contents well before and during use.
- Pay attention to potential side bonding.
- Can be used as primer and final coat.
- At the earliest apply 2 days after applying Crayee Finest Silicate Chalk Paint.

Apply Crayee Sealer by brush, roller or spray nozzle to your Shabby chic surface. Let dry for approximately 5 - 10 minutes and spread evenly using a mostly dry brush.

Care: Wipe wet using an appropriate detergent.

Consumption: Approximately 60 - 70 ml/m², meaning 1 liter of Crayee Sealer is enough for approximately 15 m² of first coats, depending on the kind of wood and surface.

Crayee Restoration Wax

Refine your Shabby Chic items

- » based on traditional formulations
- » made from pure beeswax
- » for individual effects

Suitable for: Restoration Wax is suitable for the following application indoors: Restoration, protection and preserving of antique furniture or refinement of Shabby chic art. Apply to surfaces treated with Silicate Chalk Paint for a semi transparent wax coat. Treated surfaces become dif-fusible, anti-static and protects against moisture and environmental influ-ences. Surfaces treated with chalk paint achieve a more individual look when treated with Restoration Wax.

Application:

- Substrate has to be dry, clean and free of dust and grease.
- Processing temperature (including drying) above 8°C.
Wood humidity < 18%. Air humidity < 60%.
- Prior treatment with Chalk Paint increases durability.
- To avoid blurring on painted furniture, test for color fastness. Works differently depending on surface characteristics. A trial coat is necessary.

Consumption: Approximately 50 - 65 ml/m², meaning 1 liter of Resto-ration Wax is enough for approximately 15 - 20 m² per application, depending on the kind of wood, surface and intensity of the coat. The exact amount can be determined by testing.



Please read the technical data sheet or the product label before use.



Please read the technical data sheet or the product label before use.

Creative Deco Wax

For indoors

- » highly water-repellent
- » natural surface protection
- » biocide-free

Suitable for: Indoor wood such as walls, ceilings, doors, ledges and beams. Especially appropriate for furniture and children's toys. Creative Deco Wax is suitable for all common types of wood, chipboard and MDF, as well as recoating darkened wood surfaces. Creative Deco Wax is a moisture-regulating surface product. The product can be used as transparent as well as covering wood paint. With one application you obtain a transparent, matt finish. A second coat gives an opaque, slightly shiny surface. The treated surfaces are highly water-repellent and resistant to conventional foodstuffs and household chemicals in accordance with the German Institute for Standardization DIN 68861-1C.

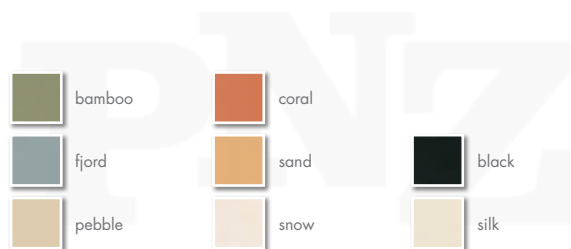
Application:

- Surface must be clean, dry and free of dust and grease (consider sanding).
- Application temperature (incl. drying) above 8 °C. Moisture content < 18%. Humidity < 60%.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Stir contents well before and during use.
- Mend holes and cracks with a suitable repair paste.

Creative Deco Wax can be applied manually or by machine. Carefully apply the first coat with a brush, foam roller or paint scraper. Remove the excess after 10 minutes. Let dry for 8 - 10 while ventilating well. Apply second coat exactly as the first. The surface can be polished when completely dry (approx. 24 hours) to increase the durability. For strained surfaces (such as table tops or shelves) it is advisable to apply a thin, transparent finish.

Care: Wipe damp. In case of heavy soiling, add an appropriate detergent to mopping water. Easy refurbishment without the need for sanding for highly strained or damaged areas. After basic cleaning, thinly apply Creative Deco Wax.

Consumption: Approximately 50 ml/m², meaning 1 liter of Creative Deco Wax is enough for approximately 20 m² per application, depending on the kind of wood and surface (planed or rough-sawn).



Please read the technical data sheet or the product label before use.

Transparent Deco Wax

For indoors

- » highly water-repellent
- » natural surface protection
- » biocide-free

Suitable for: Indoor wood such as walls, ceilings, doors, ledges and beams. Especially appropriate for furniture and children's toys. Transparent Deco Wax is suitable for all common types of wood, chipboard and MDF, as well as recoating darkened wood surfaces. Transparent Deco Wax is a moisture-regulating surface product. The product can be used as transparent coat. A single application produces a transparent, matt finish. The treated surfaces are highly water-repellent and resistant to conventional foodstuffs and household chemicals in accordance with the German Institute for Standardization DIN 68861-1C.

Application:

- Surface must be clean, dry and free of dust and grease (consider sanding).
- Application temperature (incl. drying) above 8 °C. Moisture content < 18%. Humidity < 60%.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Stir contents well before and during use.
- Mend holes and cracks with a suitable repair paste.

Transparent Deco Wax can be processed manually and by machine. Thinly apply first coat with a brush, foam roller or paint scraper. Remove the excess after 10 minutes. Let dry for 8 - 10 while ventilating well. Apply second coat exactly as the first. The surface can be polished when completely dry (approx. 24 hours) to increase the durability. For strained surfaces (such as table tops or shelves) it is advisable to apply a thin, transparent finish.

Care: Wipe damp. In case of heavy soiling, add an appropriate detergent to mopping water. Easy refurbishment without the need for sanding for highly strained or damaged areas. After basic cleaning, thinly apply Transparent Deco Wax.



Please read the technical data sheet or the product label before use.

Deck & Cladding Oil for Douglas Fir

For outdoors

- » tinted naturally
- » UV-protection
- » made from natural oils

Suitable for: Protection and preservation of all wood in outdoor areas, especially douglas fir, for example garden furniture, terraces, pergolas, fences, carports, log cabins and garden houses. The oil restores the surface's natural wood color. It effectively blocks UV-rays and protects the wood against decay. Deck & Cladding Oil for Douglas Fir is a natural wood preserver made from weatherproof and durable oils and micro fine pigments, it is odorless when dry and free of toxic agents.

Application:

- Surface has to be clean and free of dust and grease.
- Remove contaminants (algae, grease, dirt) with an appropriate detergent.
- Woods with a particularly high content of wood components should be weathered for about 4 weeks prior to initial treatment. Fresh, pressure-treated wood like Massaranduba, Garapa, Ipê should be weathered for about 3 months prior to the initial treatment.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Can be painted over when partially dry after approximately 12 hours.
- Drying takes at least 12 hours (depending on weather).
- Works differently depending on surface characteristics. A trial coat is necessary.
- Adhere to rules of constructive wood preservation.
- Stir contents well before and during use.
- To prolong abrasion resistance (especially decks) use a transparent finishing coat for the final treatment.
- Apply once on all sides before assembly.
- Apply oil thinly and evenly - avoid layer formation and collect excess oil.

Apply oil to the raw, untreated wood by brush or spray nozzle. The wood is weatherproof after two to three applications with 12 hours of drying in between. This product can be used for aftercare on all common coats as long as the substrate is viable. Grind off any substrate that isn't viable. Then apply as outlined before.

Consumption: Approximately 40 ml/m², meaning 1 liter of Deck & Cladding Oil for Douglas Fir is enough for approximately 25 m², per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3). Lower consumption affects durability of the coat.



douglas fir

Please read the technical data sheet or the product label before use.

Douglas Fir Terrace Oil

solvent-free

- » long-term protection against graying
- » easy use
- » »natural brown« when dry

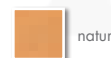
Suitable for: Protection and Preservation of terraces and other wood in garden areas like trail markers, fences, privacy screens and facade cladding made from douglas fir, larch, hardwood and exotic wood. Douglas Fir Deck Oil produces a highly water-repellent, weather and UV-resistant, durable surface which offers long-term protection against graying.

Application:

- The untreated wooden substrate has to be clean, dry and free of dust and grease.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Final hardness is reached after 10 days. Handle with care during this period. Drying takes at least 8 - 12 hours (depending on weather). Avoid exposure to moisture during this time. Drying happens by oxidation accompanied by a characteristic odor, so ventilate well during drying.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.
- Neutralize woods with high amounts of oil or wood components (ipe, Doussie, etc.) prior to treatment using an appropriate detergent.
- Later on, always paint over Douglas Fir Terrace Oil using the same product.
- Stir contents well before and during use.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Adhere to rules of constructive wood preservation.
- Apply once on all sides before assembly.
- Apply oil thinly and evenly - avoid layer formation and collect excess oil.

Always apply two coats of Douglas Fir Deck Oil to raw, untreated wood by brush or spray nozzle (apply to end grain until it stops absorbing). Can be painted over when partially dry (after approximately 3 - 6 hours). Douglas Fir Deck Oil appears milky but is "natural brown" when dry. Do not let more than 24 hours pass in between first and second coat. Check coat regularly and renew as needed.

Consumption: Approximately 125 ml/m², meaning 1 liter of Douglas Fir Deck Oil is enough for approximately 8 m² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3). Lower consumption affects durability of the coat.



natur

Please read the technical data sheet or the product label before use.

Exotic and Hardwood Cleaner

Depth effect

- » detergent
- » lipid replenishing
- » made from natural vegetable fat

Suitable for: Any wood in garden areas. Exotic and Hardwood Cleaner is an environmentally friendly cleansing extract developed for removing atmospheric influences, algae, graying, grease, oil and other contaminants from exotic wood, hardwood and similar kinds of wood.

Application:

- Processing temperature above 8 °C.
- Rinse off with clear water afterwards.

Apply Exotic and Hardwood Cleaner undiluted to the wet wood and let take effect for several minutes. Consider brushing off using a brush and water until the desired color is reached. Do not let cleaner dry prematurely! Work step by step for large areas. Repeat process as necessary. After applying Exotic And Hardwood Cleaner and letting it dry for approximately 12 - 24 hours, treat the wood with an appropriate pigmented oil to prevent new graying/weathering and to guard against new soiling.

Consumption: Approximately 80 ml/m², meaning 1 liter of Exotic And Hardwood Cleaner is enough for approximately 12 m² per liter depending on the degree of soiling.

Finish Fill

Protective impregnation for edges

- » for laminate, parquet and cork
- » protects against graying
- » moisture-resistant

Suitable for: Specially made for impregnation of edges of laminate, cork and sealed and waxed / oiled finished parquet. Finish Fill prevents absorption of water of seams on the side and front and subsequently swelling and graying in those places.

Application:

- Surface has to be dry, clean and free of dust and grease.
- Processing temperature (including drying) above 8°C.
Wood humidity < 18%. Air humidity < 60%.
- Drying takes approximately 2 - 3 hours.
- Do not step on floor during drying.
- Working step-by-step is recommended.

Apply Finish Fill with a metal or plastic paint scraper with rounded corners. Finish Fill has to be worked into the seams. Greater penetration increases moisture resistance. Apply as thinly as possible to make polishing easier. Surface has to be polished immediately after application and polishing has to be concluded by the time drying starts (we recommend polishing larger areas by machine - otherwise use a polishing cloth). Polishing thoroughly shortens the time it takes to dry. Storage at low temperature may increase viscosity. Can be liquefied by warming in a water bath.

Consumption: Approximately 15 - 20 ml/m², meaning 1 liter of Finish Fill is enough for approximately 50 - 65 m² per application.

PNZ

Please read the technical data sheet or the product label before use.

PNZ

Please read the technical data sheet or the product label before use.

Stain Remover

Combination of glue, stain and dirt remover

- » high cleaning power
- » high yield
- » versatile

Suitable for: Stains like dispersion paint, felt-tip, pen, ink, black rubber abrasions, water-resistant glue residue, etc. on laminate, sealed parquet and other surfaces. For example, the product can be used on sealed parquet, laminate, stone floors, elastic floors (PVC, rubber, CV), desks, built-in cupboards, plastic surfaces like worktops, etc.

Application:

- The untreated substrate has to be tested for compatibility before application.
- Apply Stain Remover to an unobtrusive spot to test color fastness and material resistance.
- Shake contents well before and during use.
- Only let take short effect on sensitive surfaces, wet the surface beforehand.

Apply Stain Remover to glue residue or stains and let take effect for approximately 1 - 5 minutes. Rub off using an absorbent cloth afterwards. Consider using a brush, pad or plastic paint scraper for stubborn stains. Rinse with water after removal. We recommend preservatives for aftercare. When working near glued seams be careful and only let take effect for a short time. Must not enter seams.

Care: Application should occur as needed.

Consumption: Depending on degree of soiling.

Floor Varnish

Environmentally friendly sealant

- » water-based
- » for parquet, cork and wooden floors
- » durable and water-resistant

Suitable for: Refurbishment of parquet, cork and wooden floors as well as stairs. Limited use with exotic wood with low oil contents (trial coat). Floor Varnish is nearly odorless, low in harmful substances and so it is environmentally friendly. Floor Varnish is durable and offers protection against moisture and many household chemicals.

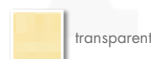
Application:

- Final sanding of the wooden surface before priming with grit 120.
- The substrate has to be completely clean.
- Processing temperature not below 18 °C, not above 30 °C.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Stir contents well before and during use.
- Pay attention to potential side bonding.
- Can be used as primer and final coat.
- At the earliest apply 2 days after installation.

Priming: Apply twice using a paint scraper to spread evenly. Then let dry for approximately 1 hour. Apply once by roller or brush. Then let dry for approximately 2 hours. Do not sand after priming. **Top coat:** Apply 2 - 3 times by roller or brush. Sand gently with grit 120 or 150 prior to the final application. Let dry for approximately 2 - 4 hours between each coat. Can be carefully walked on after approximately 8 hours. Final hardness and full robustness is reached after approximately 10 days. Drying period assumes normal conditions (20 °C and 55% relative air humidity). Higher humidity and lower temperature can delay drying. Ventilate well (no draft).

Care: Wipe damp with an appropriate detergent. Regular maintenance using an appropriate product.

Consumption: Application by paint scraper approximately 70 g/m² per application. By roller or brush approximately 100 - 120 g/m² per application. Complete application at least 360g/m².



Deck & Cladding Oil for Garapa

For outdoors

- » tinted naturally
- » UV-protection
- » odorless when dry

Suitable for: Protects and preserves any wood outdoors, especially garapa wood, for example garden furniture, terraces, pergolas, fences, carports, log cabins and garden houses. The oil restores the surface's natural wood color. It effectively blocks UV-rays and protects the wood against decay. Deck & Cladding Oil for Garapa is a natural wood preserver made from weatherproof and durable oils and micro fine pigments, it is odorless when dry and free of toxic agents.

Application:

- The surface has to be clean and free of dust and grease.
- Remove contaminants (algae, grease, dirt) using an appropriate detergent.
- Woods with a particularly high content of wood components should be weathered for about 4 weeks prior to initial treatment. Fresh, pressure-treated wood like Massaranduba, Garapa, Ipè should be weathered for about 3 months prior to the initial treatment.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Can be painted over when partially dry after approximately 12 hours.
- Drying takes at least 12 hours (depending on the weather)
- Works differently depending on surface characteristics. A trial coat is necessary.
- Adhere to rules of constructive wood preservation.
- Stir contents well before and during use.
- To prolong abrasion resistance (especially decks) use a transparent finishing coat for the final treatment.
- Apply once on all sides before assembly.
- Apply oil thinly and evenly - avoid layer formation and collect excess oil.

Apply oil by brush or spray nozzle to the raw, untreated wood. The wood is weatherproof after two to three applications with 12 hours of drying in between. For aftercare the product can be applied to all common coats as long as the substrate is viable. Grind off substrate that isn't viable. Then apply as outlined before.

Consumption: Approximately 40 ml/m², meaning 1 liter of Deck & Cladding Oil for Garapa is enough for approximately 25 m² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3). Lower consumption affects durability of the coat.



garapa

Please read the technical data sheet or the product label before use.

Garden Wood Care Oil

For outdoors

- » natural color restorer
- » solvent-free
- » protects and preserves

Suitable for: Any impregnated, especially pressure treated, garden wood and garden furniture, like fences, carports, pergolas, plant troughs, sand boxes. Garden Wood Care Oil prevents graying of impregnated wood, restores color and protects and preserves the treated wood.

Application:

- The wooden substrate has to be clean, dry and free of dust and grease.
- Remove algae and other contaminants with an appropriate detergent.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Can be painted over after approximately 8 hours. Final hardness is reached after 10 days. Handle with care during this period. Drying happens by oxidation accompanied by a characteristic odor, so ventilate well during drying.
- Drying takes at least 8 - 12 hours (depending on weather). Avoid exposure to moisture during this time.
- Can be painted over when partially dry.
- Stir contents well before and during use.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Apply once on all sides before assembly.

Apply Garden Wood Care Oil two to three times to dry wood by brush, spray nozzle, roller or immersion on all sides. Apply to end grain until it stops absorbing. Refreshing using the same product when needed is recommended.

Consumption: Approximately 60 - 85 ml/m², meaning 1 liter of Garden Wood Care Oil is enough for approximately 12 - 15 m² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3). Lower consumption affects durability of the coat.



garden brown



salt green

Please read the technical data sheet or the product label before use.

Garden Wood Cleaner

For outdoors

- » for any wood used outdoors
- » even suitable for plastic furniture
- » easy use

Suitable for: Any kind of wood used outdoors, even plastic furniture and some stone types. Garden Wood Cleaner is designed to remove atmospheric pollution, algae, graying, grease and oil even in fluting and hard to reach nooks and crannies.

Application:

- Processing temperature (including drying) above 8°C.
- Do not use while raining or if rain is expected.
- Wet wood well before application.
- Do not let cleaner dry. (Work bit by bit on larger surfaces.)
- After applying Garden Wood Cleaner and a drying period of 24 hours, softwood has to be treated with an appropriate impregnation primer before further processing. Continue with an appropriate product.

Apply Garden Wood Cleaner (depending on degree of soiling) pure or at maximum diluted with water 1:10 to the wet surface and let take effect for several minutes. Then brush off with water and a scrubbing brush. Continue rinsing with clear water. Repeat as necessary.

Consumption: Approximately 15 - 70 ml/m², meaning 1 liter of Garden Wood Cleaner is enough for approximately 15 - 70 m² depending on the degree of soiling and dilution.

Green Growth Remover

Deep penetrating special detergent

- » chlorine-free
- » thorough removal
- » long-term effectiveness

Suitable for: Independently removes any kind of green growths on facades, decks, wood fences, roofs, pavements, driveways, house and garage fronts, caravans etc. Appropriate for concrete, terracotta, surfaces made of wood, glass, plaster, plastic or ceramics. Also suitable for marble, lime sand brick and other natural stone. Green Growth Remover is a deep penetrating special detergent that automatically produces a long-term effect. Test material resistance on an unobtrusive spot.

Apply Green Growth Remover to dry surface using a spray gun, garden syringe or watering can until surface is thoroughly wet. Spread evenly. Exposure time 24 hours. Do not rinse off with water. The detergent works automatically. If it rains during exposure time the process has to be repeated. Exposure time can be extended to several days. If necessary remove residue with hard brush or broom. Only sensitive plastic surfaces have to be rinsed off with water. Let substrate dry completely before further treatment. This enables a new coat of paint to be applied without the need to wash anything off.

Consumption: 60 - 100 ml/m², meaning 1 liter of Green Growth Remover is enough for approximately 10 - 15 m². Product is ready for use. Do not dilute.

PNZ

Please read the technical data sheet or the product label before use.

PNZ

Please read the technical data sheet or the product label before use.

Floor and Laminate Cleaner

For indoors

- » removes grease, oil and wax
- » intensive cleaning and preservation
- » highly effective, yet gentle

Suitable for: Basic cleaning of all floors like, parquet, plastic flooring, cork, PVC, linoleum, laminate, natural and artificial stone floors as well as tiles and rubber floors. Floor and Laminate Cleaner cleans waxed and oiled floors prior to a refinish and removes old gloss finish, polymer layers, waxes, oil films and other contaminants.

Application:

- Test on unobtrusive spot for sensitive surfaces, like linoleum and high gloss surfaces (use a sample area).

Laminate and parquet floors: Dilute Floor and Laminate Cleaner with water 1:10 and wipe damp (not wet). Important: Too much moisture may cause swelling. Other floors: Apply Floor and Laminate Cleaner diluted or undiluted (depending on degree of soiling) to wet surface and let take effect for approximately 3 - 5 minutes if needed. Consider using a scrubber, pad or cleaning machine. Work step-by-step to avoid drying of Floor and Laminate Cleaner. Collect loose dirt and rinse with clear water.

Care: For a professional follow-up treatment we recommend using a suitable oil product for the refinish and a suitable preservative for aftercare.

Consumption: Approximately 15 - 70 ml/m², meaning 1 liter of Floor and Laminate Cleaner is enough for approximately 15 - 70 m² per liter, depending on the degree of soiling and dilution.

Hardwood Care Oil

For beautiful, weatherproof wood

- » solvent-free
- » easy use
- » EURO-Norm identification not required or not classified

Suitable for: Exotic wood, especially red cedar, teak and others. Care Oil for furniture and decks on yachts, boats and terraces. Contains pigments that effectively block UV-rays and protect the wood against graying and moisture. Hardwood Care Oil W is satin-matt, anti-slip and protects the surface against algae and moss by drying quickly.

Application:

- Surface has to be clean and free of dust.
- Remove graying with an appropriate detergent.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.
- Stir/shake contents well before and during use.
- Apply once on all sides before assembly.

Apply Hardwood Care Oil W to raw, untreated wood by brush, roller or spray nozzle. The wood is weatherproof after 2 applications. For better saturation one application "wet-on-wet" comes recommended. Drying takes approximately 12 hours (depending on air humidity and temperature). Renew depending on exposure, once or twice a year and after every basic cleaning.

Consumption: Approximately 60 - 70 ml/m², meaning 1 liter of Hardwood Care Oil W is enough for approximately 15 mm² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3). Lower consumption affects durability of the coat.



Please read the technical data sheet or the product label before use.

Hardwax Oil

For floors and furniture

- » highly water repellent
- » natural surface protection
- » free of toxic substances and biocides

Suitable for: Any strained indoors surfaces, like wooden floors, cork, children's toys, OSB boards, glued wood, work tops, furniture, screed, terracotta and unglazed tiles. Even in damp areas, like bathrooms and kitchens. Well suited for kindergartens, schools, nursing homes, etc. Hardwax Oil is a moisture-regulating, transparent surface product. The treated surfaces are highly water repellent and resistant to conventional foods and household chemicals in accordance with the German Institute for Standardization DIN 68861-1C and the anti-slip test R9 DIN 51130.

Application:

- Surface must be clean, dry and free of dust and grease (consider sanding).
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Stir contents well before and during use.
- Fill holes and cracks with a suitable repair paste.

Hardwax Oil can be applied by hand or machine. Apply the first coat thinly with brush, foam roller or paint scraper. Remove surplus after 10 minutes and rub in the rest with a pad. Allow to dry for 8-10 hours while ventilating well. Apply second coat just like the first. The surface can be polished after complete drying (approx. 24 hours) to increase durability. Wooden planks can be treated individually before assembly. With grain-cut wood and absorbent woods such as beech, etc., we recommend three coats applied as outlined previously. Final hardness is reached after 8-10 days.

Care: Sweep dry, then wipe damp. In case of heavy soiling add an appropriate detergent to mopping water. Easy refinish without sanding for highly strained or damaged areas: thinly apply Hardwax Oil after a basic cleaning.

Consumption: Approximately 40 ml/m², meaning 1 liter of Hardwax Oil is enough for approximately 25 m² per application, depending on the kind of wood and surface.

Hardwax Oil Evolution

Open-pore

- » oxidative drying, free of cobalt and oxime
- » fantastic look - excellent durability
- » 1K or 2K with special hardener 2K Impact

Suitable for: Any strained indoors surfaces, like wooden floors, cork, OSB boards, glued wood, work tops and furniture. Even in damp areas such as bathrooms and kitchens. Suitable for kindergartens, schools, nursing homes, etc. Hardwax Oil Evolution is a moisture-regulating surface product based on natural raw materials. The treated areas are highly water-repellent and resistant to common foods and household chemicals.

Application:

- Surface has to be clean, dry and free of dust and grease (consider sanding).
- Strip or sand painted surfaces (final sanding with 150 grain or finer).
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%. (consider switching off floor heating 2 days prior to treatment.)
- Works differently depending on surface characteristics. A trial coat is necessary.
- Stir contents well before and during use.
- Repair holes and cracks with a suitable repair paste.

Hardwax Oil Evolution can be applied by hand and machine. Apply first coat thinly and evenly with brush, roller, pad or whitewash brush. Can be carefully walked on after 3-4 hours if ventilated well. Apply second coat just like the first at the earliest 5-8 hours afterwards, but within 24 hours. An intermediate sanding is generally not required, but with matt surfaces it improves the look and feel. Drying time depends on temperature, humidity, type of wood and surface. Wooden planks can be treated individually before installation. Final hardness is reached after 8-10 days. For highly demanding tasks add the special hardener 2K Impact to optimize the products properties. Only mix as much Hardwax Oil Evolution and special hardener, as needed for the next 1-2 hours. Mixing ratio 20 parts Hardwax Oil Evolution: 1 part special hardener (comply exactly with the mixing ratio!). If you feel uncertain in dealing with 2K systems, ask your retailer for advice. Fill the special hardener into the container of Hardwax Oil Evolution and stir vigorously for at least 1 minute. Apply as outlined above.

Consumption: Approximately 20-30 ml/m², meaning 1 liter of Hardwax Oil Evolution is enough for a maximum of 50 m² per application, depending on the kind of wood and surface.



Please read the technical data sheet or the product label before use.



Please read the technical data sheet or the product label before use.

Hardwax Oil Evolution (pigmented)

Open-pore

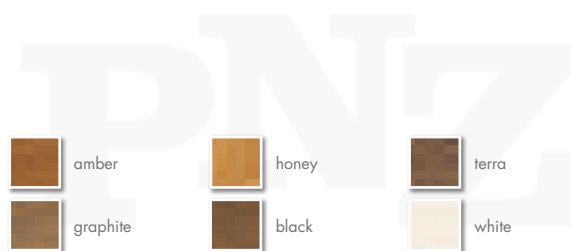
- » oxidative drying, free of cobalt
- » fantastic look - excellent durability
- » 1K or 2K with special hardener 2K Impact

Suitable for: Any strained indoors surfaces, like wooden floors, cork, OSB boards, glued wood, work tops and furniture. Even in damp areas such as bathrooms and kitchens. Suitable for kindergartens, schools, nursing homes, etc. Hardwax Oil Evolution is a moisture-regulating surface product based on natural raw materials. The treated areas are highly water repellent and resistant to common foods and household chemicals.

Application:

- Surface has to be clean, dry and free of dust and grease (consider sanding).
- Strip or sand painted surfaces (final sanding with 150 grain or finer).
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%. (consider switching off floor heating 2 days prior to treatment.)
- Works differently depending on surface characteristics.
- Stir contents well before and during use.
- Repair holes and cracks with a suitable repair paste.
- Color result depends on method of application (by pad, roller, brush). A trial coat is necessary.

Hardwax Oil Evolution can be applied by hand and machine. Apply first coat thinly and evenly with brush, roller, pad or whitewash brush. Can be carefully walked on after 3 - 4 hours if ventilated well. Apply second coat just like the first at the earliest 5 - 8 hours afterwards, but within 24 hours. An intermediate sanding is generally not required, but with matt surfaces it improves the look and feel. Drying time depends on temperature, humidity, type of wood and surface. Wooden planks can be treated individually before installation. Final hardness is reached after 8-10 days. For highly demanding tasks add the special hardener 2K Impact to optimize the products properties. Only mix as much Hardwax Oil Evolution and special hardener, as needed for the next 1 - 2 hours. Mixing ratio 20 parts Hardwax Oil Evolution: 1 part special hardener (comply exactly with the mixing ratio!). If you feel uncertain in dealing with 2K systems, ask your retailer for advice. Fill the special hardener into the container of Hardwax Oil Evolution and stir vigorously for at least 1 minute. Apply as outlined above.



Please read the technical data sheet or the product label before use.

Hardwax Oil Express

For floors and furniture

- » highly water-repellent
- » natural surface protection
- » non-toxic and free of biocides

Suitable for: Any strained indoors surfaces, like wooden floors, cork, children's toys, OSB boards, glued wood, work tops, furniture, screed, terracotta and unglazed tiles. Also suitable for damp areas like bathrooms and kitchens. Very well suited for kindergartens, schools, nursery homes, etc. Hardwax Oil Express is a humidity regulating, transparent surface product. Treated surfaces are highly water-repellent and resistant against common food stuff and household chemicals in accordance with the German Institute for Standardization DIN 68861-1C and the skid resistance category R9 DIN 51130.

Application:

- Surface has to be clean, dry and free of dust and grease (consider sanding).
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Stir contents well before and during use.
- Fill holes and cracks with a suitable repair paste.

Hardwax Oil Express can be applied by hand or machine. Apply the first coat thinly with brush, foam roller or paint scraper. Collect surplus after 10 minutes and rub in the rest with a pad. Let dry for 5 - 7 hours while ventilating well. Apply second coat just like the first. The surface can be polished after complete drying (approx. 24 hours) to increase durability. Wooden planks can be treated individually before assembly.

Care: Sweep dry, then wipe damp. In case of heavy soiling add an appropriate detergent to mopping water. Easy refinish without sanding for highly strained or damaged areas: thinly apply Hardwax Oil Express after a basic cleaning.

Consumption: Approximately 40 ml/m², meaning 1 liter of Hardwax Oil Express is enough for approximately 25 m² per application, depending on the kind of wood and surface (planed or rough-sawn).



Please read the technical data sheet or the product label before use.

Hardwax Oil (pigmented)

For floors and furniture

- » oil-based
- » free of biocides
- » highly water-repellent

Suitable for: Any strained, indoor surfaces like wooden floors, cork, children's toys, OSB boards, glued wood, work tops, furniture, screed, terracotta and unglazed tiles. Also suitable for damp areas like, bath rooms and kitchens. Ideal for kindergartens, schools, nursing homes, etc. Hardwax Oil Pigmented is a humidity regulating, transparent surface product. Treated surfaces are highly water repellent and resistant against common food stuff and household chemicals in accordance with the German Institute for Standardization DIN 68861-1C and the skid resistance category R9 DIN 51130.

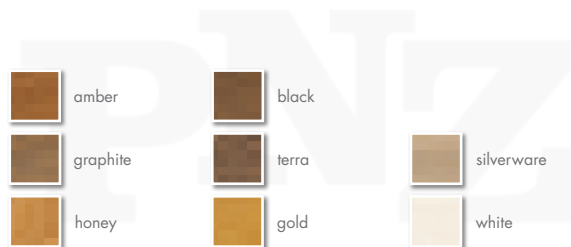
Application:

- Surface has to be clean, dry and free of dust and grease (consider sanding).
- Processing temperature (including drying) above 18°C. Wood humidity < 18%. Air humidity < 60%.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Stir contents well before and during use.
- Mend holes and cracks with repair paste.

Hardwax Oil Pigmented can be applied by hand or machine. Apply the first coat thinly with brush, foam roller or paint scraper. Remove surplus after 10 minutes and rub in the rest with a pad. Allow to dry for 8-10 hours while ventilating well. Apply second coat just like the first. The surface can be polished after complete drying (approx. 24 hours) to increase durability. Wooden planks can be treated individually before installation. Final hardness is reached after 8-10 days.

Care: Sweep dry, then wipe damp. In case of heavy soiling add an appropriate detergent to mopping water. Easy refinish without sanding for highly strained or damaged areas: thinly apply Hardwax Oil Pigmented after a basic cleaning.

Consumption: Approximately 40 ml/m², meaning 1 liter of Hardwax Oil Pigmented is enough for approximately 25 m² per application, depending on the kind of wood and surface.



Please read the technical data sheet or the product label before use.

Exterior Wood Varnish

For outdoors

- » reliable UV-protection
- » nearly odorless
- » easy use

Suitable for: Any wood outdoors that is exposed to climatic influences for example log cabins, facade claddings, fences, balcony cladding, windows, garden houses, garage doors, picket fences, etc. Exterior Wood Varnish is a humidity regulating, open-pore, transparent and UV-resistant wood preserver (use transparent variant only in combination with a pigmented coat). Our product is nearly odorless, easy to use, penetrates well and effective against organisms like algae and fungi due to the pearling effect.

Application:

- Surface has to be clean, dry and free of dust and grease.
- Woods with a particularly high content of wood components should be weathered for about 4 weeks prior to initial treatment. Fresh, pressure-treated wood like Massaranduba, Garapa, Ipê should be weathered for about 3 months prior to the initial treatment.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Stir contents well before and during use.
- Apply once on all sides before assembly.

Exterior Wood Varnish can be applied by hand or machine. New coat: apply 2-3 times by brush, roller or immersion. Apply first coat before assembly if possible. Apply on all sides. Let dry for at least 12 hours. Then apply second/third coat as outlined to the visible surface. Refurbishment coat: Remove old, not viable coats. Clean old, viable coat and apply Exterior Wood Varnish once or twice as outlined.

Consumption: Approximately 70-80 ml/m², meaning 1 liter of Exterior Wood Varnish is enough for approximately 12 m² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2-3). Lower consumption affects durability of the coat.



Please read the technical data sheet or the product label before use.

Wood Floor Soap

For softwood and hardwood surfaces

- » removes soiling
- » lipid replenishing cleaning
- » made from natural vegetable fats

Suitable for: Cleaning leached, waxed or oiled surfaces like sophisticated floors, cladding of walls and ceilings, doors, furniture, work tops and laminate, but also for varnished parquet and cork surfaces. Wood Floor Soap cleans and maintains indoor softwood and hardwood surfaces. This product is suitable for initial treatment.

Application:

- Before using Wood Floor Soap clean (broom or vacuum) the floor.
- Clean and maintain floor as needed.

Maintaining oiled floor: Put approximately 80 - 100 ml of Wood Floor Soap in a 10 liter bucket filled with clear water and wipe damp. Collect with a wrung out cloth. Do not wipe with water as it removes the protective layer. **Varnished and sealed floors:** Put approximately 25 - 30 ml of Wood Floor Soap in a 10 liter bucket filled with clear water and wipe damp. Collect with a wrung out cloth. Do not wipe with water as it removes the protective layer.

Consumption: Depending on degree of soiling and dilution.

Covering Wood Paint

For indoors and outdoors

- » high coverage
- » open-pore
- » excellent water protection

Suitable for: All wood indoors and outdoors, where particularly durable paint is desired such as wooden facades, balconies, windows and window shutters, fences, pergolas, wooden shingles, garden furniture and garden houses, carports, furniture, etc. Covering Wood Paint is equally well suited for all types of wood. The product is also ideal for renovating old open-pore paints and weathered wood surfaces. The covering, open-pore and durable wood coating has proved itself under extreme weather conditions at sea and in the mountains. Covering Wood Paint is free of biocides and preservatives, which makes it also suitable for indoors. Covering Wood Paint is of highest caliber and easy to use.

Covering Wood Paint is ready for use and must not be diluted. Apply thinly using a roller or brush and spread evenly along the grain. Apply the second coat after 12 - 24 hours of drying (for refurbishment one coat is generally sufficient). If possible, apply the first coat of paint on all sides before assembly.

Consumption: Approximately 40 ml/m², that is 1 liter of Covering Wood Paint is enough for approximately 25 m² area per coat, depending on the type of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 -3). Lower consumption affects durability of the coat.



Please read the technical data sheet or the product label before use.



Please read the technical data sheet or the product label before use.

Wood Color Restorer

For outdoors

- » easy use
- » highly effective
- » high yield

Suitable for: Restoration and cleaning of grayed wood outdoors. The natural color of the wood becomes visible again with this special detergent. For long-term protection against graying and to preserve the natural color, apply a suitable pigmented product.

Application:

- Processing temperature (including drying) above 8°C. Don't apply when raining or when rain is imminent.
- After application of Wood Color Restorer and 24 hours of drying, treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer prior to further treatment. Treat with an appropriate product afterwards.
- Work step by step for large areas.

Depending on degree of soiling or graying apply Wood Color Restorer undiluted or at maximum diluted 1 : 5 with water to wet wood and rub in along the grain using a brush. After approximately 15 minutes remove the loose gray bits using a brush and water until the desired color is reached. Repeat as necessary. Rinse off with clear water afterwards.

Consumption: 50 - 100 ml/m², meaning 1 liter of Wood Color Restorer is enough for approximately 10 - 50 m² (depending on degree of soiling).

Graying Oil

For any wood outdoors

- » pigment based graying
- » penetrates well
- » weather and UV-resistant

Suitable for: Wooden surfaces outdoors (wooden decks, wooden terraces, facade cladding, windows, doors, garden houses, timber framing, playsets, etc.). Graying Oil provides a decorative grayed look for wooden surfaces. Our product produces a silver-gray weathering-like effect, just like on untreated wood. Our pigmented Graying Oil offers great protection against extreme climatic influences due to the deep impregnation of its non-film forming surface. It produces a durable, water-repellent and weather and UV-resistant surface. Graying Oil is free of toxic agents, odorless when dried and inoffensive in terms of building biology. Reduces swelling as well as cracking. Graying Oil is impervious to most household chemicals such as beer, wine, juice and water. It is open-pore, permeable to vapor and balances out the natural, weather-based graying of untreated wood outdoors. It is also suitable for post-treatment of weathered wood surfaces.

Application:

- Surface has to be clean, dry and free of frost and dust.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Can be painted over after approximately 8 hours. Final hardness is reached after 10 days.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.
- Stir contents well before and during use.
- Apply once on all sides before assembly.
- Apply oil thinly and evenly - avoid layer formation and collect excess oil.

Apply Graying Oil by brush, roller or spray nozzle to raw, untreated wood. The wood is weatherproof after two to three applications with 12 hours of drying in between. To prolong abrasion resistance (especially decks) use a transparent finishing coat for the final treatment. Remove any oil paint, high-build coating systems and pore closing old coats by sanding, stripping or burning. Clean open-pore coats and consider roughening them. Then apply as outlined.

Consumption: Approximately 60 - 70 ml/m², meaning 1 liter of Graying Oil is enough for approximately 15 m² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3). Lower consumption affects durability of the coat.

Wood Varnish

For indoors and outdoors

- » solvent free
- » oil-based
- » versatile

Suitable for: Any wood indoors or outdoors, like windows, window sills, garden houses, facade cladding, timber framing, doors, fences, balcony and garden furniture. Also suitable for beehives. Wood Varnish is an environmentally friendly, weather-resistant, highly water-repellent coat that offers long-term protection against UV-rays. Our product is based on natural oils, drop reduced, open-pore, moisture regulating and odorless.

Application:

- The surface has to be clean, dry and free of dust and grease (consider sanding).
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Avoid exposure to moisture during drying. Final hardness is reached after 10 days. Handle with care during this period. Drying happens by oxidation accompanied by a characteristic odor, so ventilate well during drying.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Stir contents well before and during use.
- Apply once on all sides before assembly.

Apply Wood Varnish by brush, roller, spray nozzle or immersion. Old, viable coats can generally be painted over. For best possible durability: apply 2 coats for indoor objects and 3 coats for outdoor objects. Coat is dust dry after approximately 3 hours, can be painted over after 8 hours and is blockage free after 8 - 24 hours (wet and cold weather or high humidity can increase the time it takes to dry). Wood Varnish appears milky in its container but is the indicated color when dry. Certain woods (for example oak, larch, cedar, teak etc.) and cork may cause color seepage of wood components. The can be insulated with an appropriate primer.

Consumption: Approximately 60 - 85 ml/m², meaning 1 liter of Wood Varnish is enough for approximately 12 - 15 m² per application depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3). Lower consumption affects durability of the coat.

Basic

varnishing

	transparent		glaze white		stone pine
	beech tree		oak		cedar
	walnut		rustic rosewood		diamond red
	nordic pine				

covering

	opaque white		light grey		old grey
	drift wood		pigeon blue		irish green
	maize yellow		red brown		sepia brown
	ebony				

Contemporary











varnishing

	red		grey		red
	blue		light grey		blue
			dark grey		grey

covering

Brighton Beach

varnishing

	yellow		yellow
	green		green
	purple		purple
	rose		rose
	turquoise		turquoise

covering

Please read the technical data sheet or the product label before use.

Please read the technical data sheet or the product label before use.

Wood Oil

For indoors

- » for any strained surfaces indoors
- » solvent-free
- » highly water-repellent

Suitable for: Any strained surfaces made from old or new softwood or hardwood like for example wooden floors, industrial parquet, wooden paving, stairs, work tops, shelves, window sills and glued wood. Wood Oil is highly water-repellent, offers treated surfaces brilliance and protection and highlights the grain.

Application:

- The wooden surface has to be sanded, clean and free of grease.
- Processing temperature (including drying) above 8°C.
Wood humidity < 18%. Air humidity < 60%.
- Can be painted over after approximately 8 hours. Final hardness is reached after 10 days. Handle with care during this period and avoid exposure to moisture. Drying happens by oxidation accompanied by a characteristic odor, so ventilate well during drying.
- During the work process the surface can be walked on with clean shoes.
- Only step on treated surfaces wearing socks for at least 24 hours.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Stir contents well before and during use.

Wood Oil can be applied by hand or machine. Apply Wood Oil using a roller or brush wet-on-wet and keep applying until the entire surface remains wet-on-wet and absorbs no more oil. Treat possible remaining dry spots. Collect the excess oil after approximately 60 minutes. Immediately rub in the leftover oil by hand or machine until the surface is completely dry. No wet oil is to remain. To increase durability polish again after 24 hours.

Care: Vacuum or sweep. In case of strong soiling, clean with a suitable detergent as instructed.

Consumption: Approximately 50 - 60 ml/m², meaning 1 liter of Wood Oil is enough for approximately 15 m² per application, depending on the kind of wood and surface.



Please read the technical data sheet or the product label before use.

Wood Oil Varnish

For outdoors

- » UV-resistant
- » excellent weather-protection
- » highly water-repellent

Suitable for: Use as first or refurbishment coat for any wood outdoors such as windows, window sills, garden houses, facade cladding, timber framing, doors, fences, balconies and garden furniture. Wood Oil Varnish is a varnishing, drop reduced, open-pore and UV resistant wood preservative. Our product is nearly odorless, easy to use and penetrates well.

Apply Wood Oil Varnish to wood by brush, roller or spray nozzle. The wood is weatherproof after one or two applications with 12 hours of drying in between. Clean open-pore coats and consider roughening them. Then apply as outlined.

Consumption: Approximately 40 ml/m², meaning 1 liter of Wood Oil Varnish is enough for approximately 25 m² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3). Lower consumption affects durability of the coat.



Please read the technical data sheet or the product label before use.

Wood Putty Solution

For indoors

- » for parquet and wooden floors
- » dries quickly
- » easy to sand

Suitable for: Initial filling of parquet and wooden floors, as well closing seams. Woody Putty Solution is usable as a binding agent for wood flour or sander dust that is to be free of lacquer and wax. Our product binds and adheres well after a short drying period. After drying it is very sturdy and easy to sand. Can be painted over with all suitable products.

Application:

- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Use Wood Putty Solution undiluted.
- Drying takes approximately 10 - 15 minutes.
- Can be sanded after drying.

Mix Wood Putty Solution with wood flour or sander dust (2./3. sanding, grit 100/120) to produce a homogeneous and easy to fill with paste then apply paste to seam using a paint scraper. Only fill the seams. High grit sanding is necessary afterwards.

Consumption: Approximately 50 - 120 ml/m², meaning 1 liter of Wood Putty Solution is enough for approximately 8 - 20 m² per application. Apply as thinly as possible.

Wood Wax L

For indoors and outdoors

- » open-pore
- » abrasion-resistant
- » enhances the natural grain

Suitable for: Any wood indoors and outdoors such as facade cladding, windows, garden houses, wall and ceiling cladding, wooden floors, furniture, cork, toys, etc. Wood Wax L is also suitable for damp areas like bathrooms and kitchen and even highly strained surfaces like doors and furniture. Wood Wax L is an impervious, open-pore and vapor permeable coat. It protects against graying and soiling and penetrates well. Swelling and shrinkage are reduced.

Application:

- Surface has to be clean, dry and free of frost and dust.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.
- Can be painted over when partially dry after approximately 12 hours.
- We recommend applying to all sides in damp areas.
- Stir contents well before and during use
- Works differently depending on surface characteristics. A trial coat is necessary.
- Apply once on all sides before assembly.

Apply Wood Wax L by brush, spray nozzle, roller or immersion. Spread evenly using a mostly dry brush after approximately 5- 10 minutes. Apply second coat after letting dry for at least 12 hours. Wood Wax L can be used for aftercare on all common coats.

Consumption: Approximately 60 ml/m², meaning 1 liter of Wood Wax L is enough for approximately 15 m² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3). Lower consumption affects durability of the coat.



Please read the technical data sheet or the product label before use.



Please read the technical data sheet or the product label before use.

Wood Wax W

For indoors

- » living space glaze
- » solvent-free
- » natural surface protection

Suitable for: Paneling, furniture, doors, cork, boards, glued wood and plywood, tongue and groove boards indoors (also damp areas like bathrooms, saunas, kitchens). Long-term and environmentally friendly protection as well refinement of any kind of wood. Durable UV-resistance and surface protection (against water, drinks, several household chemicals, etc.). Also suitable for outdoors: windows, window shutters, balconies, fences and also usable for refurbishment on cleaned, viable, old coats.

Application:

- Substrate has to be solid, absorbent and free of dust.
- Insulate color seepage of wood components (for impregnated wood as well) using an appropriate insulating undercoat.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Can be painted over after approximately 8 hours. Drying takes at least 8 - 12 hours (depending on weather). Avoid exposure to moisture during this period. Final hardness is reached after 10 days. Handle with care during this period. Drying happens by oxidation accompanied by a characteristic odor, so ventilate well during drying.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Stir contents well before and during use.

Apply Wood Wax W by brush, spray nozzle, roller or immersion. Spread evenly using a mostly dry brush after approximately 5 - 10 minutes. Apply a second or third coat to the visible surface after letting dry for at least 8 hours. We recommend applying on all sides in damp areas. When used for refurbishment remove any high-build coating systems and pore-closing old coats. Clean open-pore coats and consider roughening them.



Please read the technical data sheet or the product label before use.

Woodworm Treatment L

For outdoors and indoors

- » combats animal pests
- » protects against new infestation
- » nearly odorless

Suitable for: Any wood outdoors and indoors such as beams, truss, battens, square timber, furniture, antique objects, etc. Woodworm Treatment L combats animal pests such as woodworm, house longhorns and wood-boring beetles while also protecting against new infestation. Our product is transparent, penetrates well and odorless when dry. Heed the important notices.

Application:

- Surface has to be clean, dry and free of dust and grease.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Can be painted over (at the earliest after 8 days, trial coat).

Woodworm Treatment L can be applied by injection treatment or brush. Infested wood has to be impregnated until it stops absorbing. Drying takes approximately 24 hours depending on the absorbency of the wood, air humidity and temperature. Overly excessive absorption can increase the time it takes to dry.

Consumption: Combative: 300 - 350 ml/m². Preventative: 200 - 250 ml/m², meaning 1 liter of Woodworm Treatment L is enough for approximately 3 - 5 m².



Please read the technical data sheet or the product label before use.

Woodworm Treatment W

For outdoors and indoors

- » combats animal pests
- » protects against new infestation
- » nearly odorless

Suitable for: Any wood outdoors and indoors such as beams, truss, battens, square timber, furniture, antique objects, etc. Woodworm Treatment W combats animal pests such as woodworm, house longhorns and powderpost beetles while also protecting against new infestation. Our product is transparent, penetrates well and odorless when dry. Heed the important notices.

Application:

- Surface has to be clean, dry and free of dust and grease.
- Processing temperature (including drying) above 10°C.
Wood humidity < 18%. Air humidity < 60%.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Shake contents well before and during use.
- Not suitable for spraying.

Woodworm Treatment W can be applied by injection treatment, immersion or brush. Infested wood has to be impregnated until it stops absorbing. Drying takes approximately 24 hours depending on the absorbency of the wood, air humidity and temperature.

Consumption: Approximately 350 ml/m², meaning 1 liter of Woodworm Treatment W is enough for approximately 3 m² per application.

Magic Wood Finish

For indoors and outdoors

- » preservation of garden furniture
- » refresher
- » solvent-free

Suitable for: Garden furniture made of teak, yellow balau, oak and other wood. Pearlescent Wood Finish preserves and protects wood against environmental and weather influences, UV-rays, water and dirt. Pearlescent Wood Finish is a solvent-free care emulsion that rejuvenates grayed and faded furniture and renews the grain. The integrated pearling effect renders the wood water-repellent and UV-resistant for a long time.

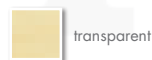
Application:

- The untreated substrate has to be clean, dry and free of dust and grease.
- Stir contents well before and during use.
- Processing temperature (including drying) above 8°C.
Wood humidity < 18%. Air humidity < 60%.
- Drying takes at least 24 hours (depending on weather).
- Works differently depending on surface characteristics. A trial coat is necessary.

Apply Pearlescent Wood Finish with a brush or sponge. Clean grayed surfaces with a brush and an appropriate detergent beforehand. Remove possible residue with fine sand paper or abrasive sponge and then apply Pearlescent Wood Finish. Apply a second time after the very first treatment.

Care: Treatment should occur when needed once or twice a year.

Consumption: Approximately 100 ml/m², meaning 1 liter of Pearlescent Wood Finish is enough for approximately 10 m² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3). Lower consumption affects durability of the coat.



Please read the technical data sheet or the product label before use.

Impregnation Primer L118

For outdoors

- » colourless impregnation and primer on solvent basis
- » preventive against bluet and putrefaction
- » colourless after drying

Suitable for: All wood constructions in the exterior, wood cladding, windows, window sills, garden houses, timberwork, garden furniture, balconies, roof beams, doors, garage doors etc. Impregnation primer L118 is only a pre-coat and not UV-resistant. Impregnation primer L118 is a colourless, deep-acting primer with active ingredients against blueness and rot, as well as p The product improves the durability and adhesion of subsequent paints, especially with strongly absorbent substrates or those with different absorbency. Low odour, after drying odourless, low fiber erection, filling of the wood pores, easy to sand. Observe important notes.

Application:

- The wood should be treated untreated (old, film-forming coats completely), dust-free, well dry and frost-free.
- Processing temperature from + 8 °C. Wood moisture not above 18%. Application temperature (incl. drying) + 8 °C. Moisture content not more than 15%. Humidity < 60%. It has different effects on different surfaces, trial coat required. Trial application required.
- Before and during use shake contents well do not inject product.

Brush the untreated and frost-free wood once on all sides, submerge or flood. Drying time approx. 12 hours. Protect from water during this period. Drying times can be extended with wood or wood species rich in content.

Consumption: Approx. 60-85 ml/m², i.e. 1 liter of garden wood care oil is sufficient for approx. 8-15 m² oiled area per application, depending on the type of wood and surface (planed or sawn). In striated wood the consumption can increase (by a factor of 2 - 3). Lower consumption influences the durability of the coat.

Impregnation Primer W210

For outdoors

- » impregnation
- » priming
- » transparent

Suitable for: Any wooden construction (only outdoors) without ground contact (wooden cladding, windows, sills, garden houses, timber frame, garden furniture, balconies, wooden truss, doors, gates), that are to be treated decoratively with glaze, paint or varnish (not suitable for oak or hardwood). Impregnation Primer W210 is prophylactic against blue stain and rot. Our product improves the durability and adhesion of subsequent coats especially on highly absorbent substrates or those with varying degrees of absorbency. The coat is nearly odorless, completely odorless even when dry and it dries quickly. The coat slightly raises the grain, fills the wood pores and can be sanded easily.

Application:

- The untreated wooden substrate has to be clean, dry and free of dust.
- Completely remove old, film-forming coats.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Drying takes approximately 24 hours.
- A trial coat is generally recommended.
- Only apply alongside an appropriate topcoat (at least 2 coats).

Consumption: Approximately 120 - 140 ml/m² in 1 - 2 processes, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3). Lower consumption affects durability of the coat.

PNZ

Please read the technical data sheet or the product label before use.

PNZ

Please read the technical data sheet or the product label before use.

Insulating Primer

For indoors and outdoors

- » solvent-free primer
- » prevents seepage of wood and cork components
- » regulates moisture

Suitable for: Any wood indoors and outdoors as well as cork and absorbent substrates (for example plaster). Insulating Primer is a weatherproof, flexible and moisture regulating primer which prevents seepage of wood and cork components. Works especially well on teak, red cedar, oak, larch and cork, as well as pressure treated wood. Water-based and solvent-free it is particularly well suited for priming white or bright coats. Insulating Primer masks outgassing of lindane and is also usable for insulating against nicotine, grease and soot and water stains.

Application:

- The untreated substrate has to be clean, dry and free of dust and grease.
- Remove old, not viable old coats prior to the treatment.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%. Ventilate well during drying.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer beforehand.
- Let dry for at least 1 - 2 hours between applications.
- Can be painted over after 24 hours.
- Stir contents well before and during use.
- Works differently depending on surface characteristics. A trial coat is necessary.

Apply Insulating Primer by brush or roller. Some substrates might require a second application. Insulating Primer can be painted over with any kind of wall paint.

Consumption: Approximately 85 ml/m², meaning 1 liter of Insulating Primer is enough for approximately 12 m² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3).



Please read the technical data sheet or the product label before use.

Deck & Cladding Oil for Stone Pine

For outdoors

- » tinted naturally
- » UV-protection
- » made from natural oils

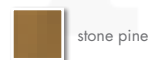
Suitable for: Protecting and preserving any kind of wood outdoors, especially stone pine for example garden furniture, terraces, pergolas, fences, carports, log cabins and garden houses. The product restores the surface's natural wood color. It effectively blocks UV-rays and protects the wood against decay. The oil is a natural wood preserver made from weatherproof and durable oils and micro fine pigments, it is odorless when dry and free of toxic agents.

Application:

- Surface has to be clean and free of dust and grease.
- Remove contaminants (algae, grease, dirt) with an appropriate detergent.
- Woods with a particularly high content of wood components should be weathered for about 4 weeks prior to initial treatment. Fresh, pressure-treated wood like Massaranduba, Garapa, Ipè should be weathered for about 3 months prior to the initial treatment.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Can be painted over when partially dry after approximately 12 hours.
- Drying takes at least 12 hours (depending on weather).
- Works differently depending on surface characteristics. A trial coat is necessary.
- Adhere to rules of constructive wood preservation.
- Stir contents well before and during use.
- To prolong abrasion resistance (especially decks) use a transparent finishing coat for the final treatment.
- Apply once on all sides before assembly.
- Apply oil thinly and evenly - avoid layer formation and collect excess oil.

Apply oil by brush or spray nozzle. The wood is weatherproof after two to three applications with 12 hours of drying in between. Deck & Cladding Oil for Stone Pine can be used for aftercare on all common coats as long as the substrate is viable. Sand off substrate that isn't viable. Then apply as outlined.

Consumption: Approximately 40 ml/m², meaning 1 liter of Deck & Cladding Oil for Stone Pine is enough for approximately 25 m² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3). Lower consumption affects durability of the coat.



Please read the technical data sheet or the product label before use.

Deck & Cladding Oil for Larch and Cedar

For indoors and outdoors

- » solvent-free
- » transparent
- » UV-protection

Suitable for: Protection and Preservation of larch and cedar wood indoors and outdoors such as pergolas, fences, carports, garden furniture, log cabins and garden houses. Deck & Cladding Oil for Larch and Cedar is a wood preserver specially developed for these woods. Deck & Cladding Oil for Larch and Cedar is based on emulsified, natural oils, solvent-free, open-pore, weatherproof and offers good UV-protection. Does not provide abrasion resistance on terraces and floors.

Application:

- The wooden substrate has to be clean, dry and free of dust and grease.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Can be painted over after approximately 8 hours. Final hardness is reached after 10 days.
- Drying takes at least 8 - 12 hours (depending on weather). Avoid exposure to moisture during this period.
- Stir contents well before and during use.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Appears milky, but is transparent when dry.
- Apply once on all sides before assembly.

Always apply plenty of Deck & Cladding Oil for Larch and Cedar two to three times to dry wood by brush, spray nozzle, or roller (comply with minimal consumption). Apply to end grain until it stops absorbing. We recommend renewal as needed (once a year). For a colorful coat, first apply a pigmented product and then Deck & Cladding Oil for Larch and Cedar.

Consumption: Approximately 100 - 165 ml/m², meaning 1 liter of Deck & Cladding Oil for Larch and Cedar is enough for approximately 6 - 10 m² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3). Lower consumption affect durability of the coat and UV-protection can not be guaranteed.



Please read the technical data sheet or the product label before use.

Deck & Cladding Oil for Larch

For outdoors

- » tinted naturally
- » UV-protection
- » made from natural oils

Suitable for: Protection and Preservation for any wood outdoors, especially larch, for example garden furniture, terraces, pergolas, fences, carports, log cabins and garden houses. The product restores the surface's natural wood color. It effectively blocks UV-rays and protects the wood against decay. The oil is a natural wood preserver made from weatherproof and durable oils and micro fine pigments that effectively block UV-rays and protect against decay. Odorless when dry and free of toxic agents.

Application:

- Surface has to be clean and free of dust and grease.
- Remove contaminants (algae, grease, dirt) with an appropriate detergent.
- Woods with a particularly high content of wood components should be weathered for about 4 weeks prior to initial treatment. Fresh, pressure-treated wood like Massaranduba, Garapa, Ipè should be weathered for about 3 months prior to the initial treatment.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Can be painted over when partially dry after approximately 12 hours.
- Drying takes at least 12 hours (depending on weather).
- Stir contents well before and during use.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Adhere to rules of constructive wood preservation.
- To prolong abrasion resistance (especially decks) use a transparent finishing coat for the final treatment.
- Apply once on all sides before assembly.
- Apply oil thinly and evenly - avoid layer formation and collect excess oil.

Apply oil by brush or spray nozzle to raw, untreated wood. The wood is weatherproof after two or three applications with 12 hours of drying in between. Can be used for aftercare on all common coats as long as the substrate is viable. Sand off substrate that isn't viable. Then apply as outlined.

Consumption: Approximately 40 ml/m², meaning 1 liter of Deck & Cladding Oil for Larch is enough for approximately 25 m² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3). Lower consumption affects durability of the coat.



Please read the technical data sheet or the product label before use.

Linseed Oil Varnish

For indoors and outdoors

- » solvent-free
- » natural product
- » open-pore

Suitable for: Treatment of wood, plaster, masonry and clinker surfaces as well as oiling of canvases and priming agent for oil paint. Linseed Oil Varnish is a natural wood preserver and offers a durable and open-pore coat for these materials. Our product is pure, free of resin and toxic agents, it produces an impregnating layer and highlights the grain.

Application:

- The substrate has to be clean, dry and free of grease.
- Processing temperature (including drying) above 8°C.
Wood humidity < 18%. Air humidity < 60%.
- Drying takes 12 - 36 hours (depending on temperature and humidity).
- Apply sparingly.
- To guarantee protection against graying outdoors pigmentation is necessary.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.

On wood: Dilute Linseed Oil Varnish with an appropriate thinner 1:1 and apply using a brush or rag. Collect excess material after approximately 30 minutes using a lint-free rag (skip this step when applying outdoors). Outdoors multiple applications are needed: 1st coat: 50% dilution (interim sanding when dry); 2nd coat: approximately 30% dilution; 3rd coat: approximately 10% dilution. On plaster, masonry, clinker: Apply Linseed Oil Varnish diluted 1:1 to substrate. Oil paint: Mix Linseed Oil Varnish with suitable, standard commercial pigments. Adjust brushability by adding Linseed Oil Varnish or turpentine.

Consumption: Approximately 50 - 70 ml/m², meaning 1 liter of Linseed Oil Varnish is enough for approximately 15 m² per application, depending on the kind of wood and surfaced (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3). Lower consumption affects durability of the coat.



Please read the technical data sheet or the product label before use.

Deck & Cladding Oil for Massaranduba

For outdoors

- » tinted naturally
- » UV-protection
- » made from natural oils

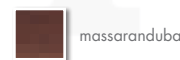
Suitable for: Protects and preserves any wood outdoors, especially massaranduba for example garden furniture, terraces, pergolas, fences, carports, log cabins and garden houses. The product restores the surface's natural wood color. It effectively blocks UV-rays and protects the wood against decay. The oil is a natural wood preserver made from weather-proof and durable oils and micro fine pigments, it is odorless when dry and free of toxic agents.

Application:

- Surface has to be clean and free of dust and grease.
- Remove contaminants (algae, grease, dirt) with an appropriate detergent.
- Woods with a particularly high content of wood components should be weathered for about 4 weeks prior to initial treatment. Fresh, pressure-treated wood like Massaranduba, Garapa, Ipè should be weathered for about 3 months prior to the initial treatment.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.
- Processing temperature (including drying) above 8°C.
Wood humidity < 18%. Air humidity < 60%.
- Can be painted over when partially dry after approximately 12 hours.
- Drying takes at least 12 hours (depending on weather).
- Works differently depending on surface characteristics. A trial coat is necessary.
- Adhere to rules of constructive wood preservation.
- Stir contents well before and during use.
- To prolong abrasion resistance (especially decks) use a transparent finishing coat for the final treatment.
- Apply once on all sides before assembly.
- Apply oil thinly and evenly - avoid layer formation and collect excess oil.

Apply Deck & Cladding Oil for Massaranduba by brush or spray nozzle to two to three times, untreated wood. The wood is weatherproof after two to three applications with 12 hours of drying in between. Can be used for aftercare on all common coats as long as the substrate is viable. Sand off substrate that isn't viable. Then apply as outlined.

Consumption: Approximately 40 ml/m², meaning 1 liter of Deck & Cladding Oil for Massaranduba is enough for approximately 25 m² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3). Lower consumption affects durability of the coat.



Please read the technical data sheet or the product label before use.

Furniture Refresher

For indoors

- » protects
- » cleans
- » preserves

Suitable for: Wooden and plastic surfaces. Furniture Refresher protects, cleans and preserves varnished furniture with a satin gloss, worktops, shelves, doors and tabletops. Rejuvenates the color and helps to cover gray seepage, scratches and mold stains.

Application:

- Surface has to be clean, dry and free of dust and grease (consider sanding).
- Works differently depending on surface characteristics. A trial coat is necessary.
- To guarantee compatibility with existing surface coat test on an unobtrusive spot.
- Processing temperature (including drying) above 8°C. Air humidity < 60%.

Shake Furniture Refresher well and apply to lint-free cloth. Apply thinly and rub it in. Subsequent polishing increases gloss. Further treatment is possible at any time.

Consumption: Approximately 5 - 7 ml/m², meaning 1 liter of Furniture Refresher is enough for approximately 150 - 200 m² per application, depending on surface characteristics.

Furniture Wax

For indoors

- » made according to an old, traditional formulation
- » mad from pure beeswax and precious waxes
- » transparent

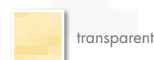
Suitable for: Furniture, shelves, wall cladding, railings, doors, carvings, sculptures and cork. Preservation and protection for example against moisture and finger prints. Lets surfaces shine in new brilliance and it is anti-static. Lessens the need for polishing.

Application:

- Substrate has to be stable, absorbent, clean and free of dust.
- Test painted furniture for color fastness on an unobtrusive spot.

Apply Furniture Wax thinly and evenly using a lint-free rag. After thorough drying the surface should be polished to a shine using a rag.

Consumption: Approximately 60 - 70 ml/m², meaning 1 liter of Furniture Wax is enough for approximately 15 - 20 m² per application, depending on the kind of surface. The exact amount can be determined by testing.



Color Oil

For indoors and outdoors

- » solvent free
- » highlights and smooths the grain
- » high yield

Suitable for: Any of the following made from domestic or exotic wood, indoors and outdoors: windows, window sills, facade cladding, timber framing, doors, fences, balconies, furniture, cork, floors and garden houses, as well as bee hives and toys. The solvent-free Natural Color Oil protects and preserves. Thanks to its high yield, it is suitable both for renovating old paints and as a new premium paint.

Apply Natural Color Oil by brush, spray nozzle, roller or immersion to the dry wood. For strong durability and UV protection we recommend 1 - 2 coats. (Indoors: one coat) The oil appears milky in its original container, but it is the indicated color when dry. In the case of bright coats, color seepage of wood components may occur. (Insulate cork, oak, larch, cedar, teak, OSB boards, etc. with an insulating primer). When dealing with floor areas apply transparent paint after the pigmented one to increase abrasion-resistance of pigments.

Consumption: Approximately 50 ml/m², meaning 1 liter of Natural Color Oil is enough for approximately 20 m² per application depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor of 2 - 3). Lower consumption affects durability of the coat.



Please read the technical data sheet or the product label before use.

Object Oil

For floors and furniture

- » highly water repellent
- » natural surface protection
- » can be used for initial treatment and preservation

Suitable for: All heavily worn untreated wood floors and furniture surfaces indoors. For raw or leached softwoods and for all types of hardwood indoors. Also suitable for OSB boards and exotic woods! Slip resistance: R10 in accordance with the German Institute for Standardization DIN 51130.

Application:

- Surfaces has to be clean, dry and free of dust and frost.
- The untreated wood must be finely sanded.
- Processing temperature (incl. drying) > 18 °C. Wood humidity <18%. Air humidity <60%.
- Prior treatment with Yellowing Protection prevents the natural darkening of the wood.
- Sand renovated wooden floors working towards a finer grit from 60 to 120 with a micro-mesh sandpaper and finely sand new, raw wood using only the 120 grit.
- Drying takes at least 3 days. Protect against exposure to water during this time.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Stir contents well before and during use.
- Apply once on all sides before assembly.

Apply Object Oil wet-on-wet and possibly keep rolling until it stays wet on the entire surface and the wood absorbs no more oil (depending on the kind of wood up to 60 minutes). Then collect excess oil using a paint scraper or rubber wiper and immediately use a beige pad and polishing machine to rub completely in. The entire surface has to be free shiny spots or splashes of oil, it has to appear dry. Use a beige pads for areas the polishing machine can't reach, like edges, corners, radiators, door soffits, etc. Avoid oil residue. The residue dries extremely slowly and stay sticky for a long time. After letting dry for at least 12 hours use a white pad to polish.

Consumption: Approximately 60-70 ml/m², meaning 1 liter of Object Oil is enough for approximately 15 m² of oiled surface per coating, depending on the type of wood and surface.



Please read the technical data sheet or the product label before use.

Object Oil Evolution

For floors and furniture

- » "natural feeling" based on renewable resources
- » water-repellent and highly resistant
- » for initial treatment and/or maintenance

Suitable for: Any strained, untreated wooden floors and furniture surfaces, raw or leached conifer, as well as any kind of deciduous wood indoors. Also suitable for OSB-boards and exotic wood. Inoffensive for cobalt or oxime allergy sufferers.

Application:

- Surfaces has to be clean, dry and free of dust and frost.
- The untreated wood must be finely sanded.
- Processing temperature (incl. drying) > 18 °C. Wood humidity <18%. Air humidity <60%.
- Prior treatment with Yellowing Protection prevents the natural darkening of the wood.
- Sand renovated wooden floors working towards a finer grit from 60 to 120 with a micro-mesh sandpaper and finely sand new, raw wood using only the 120 grit.
- Drying takes at least 3 days. Protect against exposure to water during this time.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Stir contents well before and during use.
- Apply once on all sides before assembly.

Apply Object Oil Evolution wet-on-wet and possibly keep rolling until it stays wet on the entire surface and the wood absorbs no more oil (depending on the kind of wood up to 60 minutes). Then collect excess oil using a paint scraper or rubber wiper and immediately use a beige pad and polishing machine to rub completely in. The entire surface has to be free shiny spots or splashes of oil, it has to appear dry. Use a beige pads for areas the polishing machine can't reach, like edges, corners, radiators, door soffits, etc. Avoid oil residue. The residue dries extremely slowly and stay sticky for a long time. After letting dry for at least 12 hours use a white pad to polish.

Consumption: Approximately 60-70 ml/m², meaning 1 liter of Object Oil Evolution is enough for approximately 15 m² of oiled surface per coating, depending on the type of wood and surface.

Care Emulsion

For indoors

- » for aftercare and preservation
- » for oiled or waxed floors
- » gloss effect

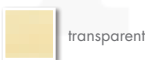
Suitable for: For any waterproof, oiled or waxed surface such as floors, wall and ceiling cladding, furniture, worktops, doors, etc. Care Emulsion cleans and preserves sensitive softwood and hardwood surfaces indoors. Also well suited for initial treatment.

Application:

- Clean the floor using an appropriate detergent prior to application.
- Preservation and cleaning of the floor should happen as needed.

Preservation of oiled floors: Apply thinly, undiluted or slightly diluted with water using an absorbent cloth (no microfibers) after drying. When applying undiluted, polish afterwards. Gloss effect can be decreased by adding water or increased by polishing. Generally we recommend initial preservation treatment with undiluted Care Emulsion after approximately 10 - 14 days. Continued maintenance for any floor: Put approximately 30 - 50 ml of Care Emulsion in a 10 liter bucket filled with clear water and wipe damp.

Consumption: Approximately 40 - 50 ml/m², meaning 1 liter of undiluted Care Emulsion is enough for approximately 20 - 25 m² per application. Continued maintenance: 1 liter of Care Emulsion is enough for approximately 20 cleaning cycles.



Please read the technical data sheet or the product label before use.



Please read the technical data sheet or the product label before use.

Care Oil

For indoors

- » protects and preserves
- » can be used for renovation
- » maintenance of all known oil systems

Suitable for: Oiled wood and cork indoors. For preserving and re-oiling of all known, factory oil systems.

Application:

- The substrate has to be clean, dry and free of dust and grease.
- Oxygen and temperatures above 18°C accelerate drying.
- Application temperature (incl. drying) > 8°C. Wood Humidity < 18%. Air humidity < 60%.
- Drying takes at least 24 hours. During this time, protect against moisture.
- Ensure ventilation.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Clean dull surfaces with an appropriate detergent and let dry for at least 24 hours.

Apply Care Oil carefully dosed with a spray bottle or oil dampened cloth and after 10 minutes of exposure rub in with a beige pad. No liquid oil layers or oil splashes are to remain. The surface must appear dry. After 24 hours polish with a white polishing pad.

Consumption: Approximately 25 ml/m², meaning 1 liter of Preserver Oil is enough for approximately 40 m² per application and more.

Care Oil Evolution

For indoors

- » natural preservation
- » sustainably produced based on renewable resources
- » for renewal of all common oils

Suitable for: Untreated or oiled oil and cork indoors. Suitable for all common or factory oils for preservation and treatment. Inoffensive to cobalt and oxime allergy sufferers. Our Product has a pleasant odor due to the exclusive use of high-quality resources.

Application:

- The substrate has to be clean, dry and free of dust and grease.
- Oxygen and temperatures above 18 °C accelerate drying.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Curing takes at least 24 hours. Protect against moisture during this period.
- Ventilate well.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Clean dull surfaces using an appropriate detergent and let dry for at least 24 hours.

Apply Wood Care Oil Evolution carefully measured using a spray can or cloth dampened with oil, let take effect for 10 minutes and then use a beige pad to dry rub it in. No wet oil films or splashes are to remain on the surface. The surface must appear dry. Polish using a white pad after 24 hours.

Consumption: Approximately 25 ml/m², meaning 1 liter of Wood Care Oil Evolution is enough for approximately 40 m² per application or more.



Please read the technical data sheet or the product label before use.



Please read the technical data sheet or the product label before use.

Brush Cleaner

Suitable for

- » Cleaning
- » Degreasing
- » Removing resin

Suitable for: Dilution of all solvent-based products. Brush Cleaner cleans and degreases tools, machines and dirty substrates.

Application:

- Use undiluted for cleaning. Stir well when diluting smaller portions.

Consumption: Depending on need and application.

Professional Silicate Interior Wall Paint

Matt

- » high density
- » vapour permeable
- » solvent-free

Suitable for: Professional Silicate Interior Wall Paint can be applied universally to viable lime- and cement plaster, concrete, brick and woodchip textured wallpaper. The solvent-free, silicate-enriched wall paint is specially made for these types of surfaces. Its special composition creates an inseparable microporous bond with the substrate. This silicification results in perfect adhesion and produces extremely strong durability even on critical substrates. Highest color stability: A1 (FB-Code, BFS-MB Nr. 26).

Application:

- Surface must be frost-free, clean, free from dust and dry (additionally, mineral surfaces must be stable and chemically neutral).
- Suitable for mineral, porous, absorbent, water repellent as well as organically bonded surfaces with at least partly mineral character.
- Check fresh plaster for dampness and solidity, sand down sinter layer.
- Carefully smoothen any bumps or imperfections to match the level and structure of the surrounding areas.
- Repair any cracks with plaster. Filled areas and regions with hairline cracks must be properly coated with a primer.
- Take particular note of visually demanding sections and verify under direct light that the surface is uniform and smooth.
- Processing temperature (including drying) above 8°C.
- Minimum drying time 12 hours per coat.
- Works differently depending on surface characteristics. A trial coat is recommended.
- Important: work using the wet-in-wet technique. Process a closed surface at the same time, from top to bottom, from left to right.

Preparation: check the substrate suitability. Note the absorption capacity, solidity and structure of the particular substrate. Apply a trial coat to challenging and critical areas. Verify suitability. Carefully mask any areas which are to be excluded and protect from accidental spillage - especially glass, ceramic, ledges and cornices, expansion joints, paintwork and anodised aluminium. Apply two even and saturating coats of Professional Silicate Interior Wall Paint. Not suited for application on soft substrates, soluble or effervescent substances, gypsum plasterboard, clay materials, paintwork varnish, synthetic plastics, or old paint coats which are glossy, non-porous, flaky or plasto-elastic.

Consumption: 120 – 140 g/m² per coat on smooth surfaces with normal absorptive properties. One liter of Professional Silicate Interior Wall Paint is sufficient for up to 6-8 m² per coat. The exact amount can be determined with a trial application.



white

Please read the technical data sheet or the product label before use.

Please read the technical data sheet or the product label before use.

Repair Paste

For indoors and outdoors

- » solvent-free
- » odorless
- » mends cracks, holes, indentations

Suitable for: Repairing cracks, holes and indentations in wood, cork or laminate. Repair Paste can be used indoors as well as outdoors. It is solvent-free and odorless.

Application:

- The wooden substrate has to be clean, dry and free of dust and grease.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.

Carefully fill up the damaged spot with paste in the desired color. Apply multiple layers when working on deep damages. Aftercare with an appropriate product is always possible. Repair Paste can be sanded, planed or drilled just like wood.

Consumption: Depending on need.



Please read the technical data sheet or the product label before use.

Retouching Pen

Easy use

- » repairs damages
- » instant result
- » for wooden surfaces indoors

Suitable for: Mending damages, scratches and small defects on any wooden surface indoors such as doors and furniture, wall panels and wooden parts. Retouching Pen distinguishes itself by virtue of its high quality. Ideal for any wooden surface. Easy use, instant result. The beveled tip guarantees easy application, even in corners and angles

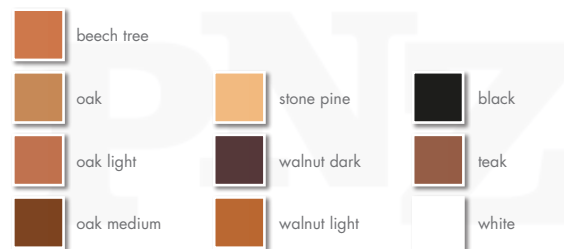
Application:

- Damaged surface has to be clean, dry and free of dust and grease.
- Processing temperature (including drying) > 8 °C.
- Drying: dust dry after a few minutes, durable after approximately 15 minutes.
- Can be painted over after 3 - 6 hours. Put cap on pen tightly after use.
- Works differently depending on surface characteristics. A trial coat is necessary.

Apply Retouching Pen along the grain. To increase coverage repeat process. After drying the mended areas can be painted over.

Care: Aftercare should occur once or twice a year, as needed.

Consumption: Depends on need.



Please read the technical data sheet or the product label before use.

Anti-Slip

For indoors and outdoors

- » solvent-free
- » slide protection
- » micro structure surface finish

Suitable for: Slide protection to reduce danger of sliding for any kind of wood. Especially well suited for treated wood that gets slick with wetness, moss, algae or lichens, as well as mineral surfaces and stairs. The product guarantees a highly resistant micro structure surface finish on the surfaces mentioned. Skid resistance category R9 in accordance with the German Institute for Standardization DIN 51130.

Application:

- The surface has to be clean, dry and free of dust and grease.
- Remove grease, dirt and other contaminants with an appropriate detergent.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Can be painted over after approximately 8 hours. Final hardness is reached after 10 days. Handle with care during this period. Drying happens by oxidation accompanied by a characteristic odor, so ventilate well during drying.
- Drying takes at least 8 - 12 hours (depending on weather). Avoid exposure to moisture during this period.
- Stir contents well before and during use.
- Works differently depending on surface characteristics. A trial coat is necessary.

Apply Anti-Slip using a whitewash brush or a foam roller.

Consumption: Approximately 100 - 165 ml/m², meaning 1 liter of Anti-Slip is enough for approximately 7 - 10 m² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3).

Special Thinner

Thinning and cleaning

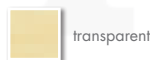
- » degreasing
- » deresination
- » special formulation

Suitable for: Thinning of all solvent-based products. Special Thinner cleans and degreases tools, machines and soiled substrates. Also suitable for deresination of surfaces (among others larch, pine).

Application:

- For thinning mix well in small portions.
- Use undiluted for cleaning.

Consumption: Depending on need and use.



Please read the technical data sheet or the product label before use.



Please read the technical data sheet or the product label before use.

End Grain Wax

For indoors and outdoors

- » highly water-repellent
- » protections against cracking
- » tinted naturally

Suitable for: End grain and cut face of pickets and beam to protect against cracking and moisture. Highly water-repellent and prophylactic against seepage of wood components and possible cracking.

Application:

- End grain has to be clean, dry and free of dust and grease.
- Processing temperature (including drying) above 8°C.
Wood humidity < 18%. Air humidity < 60%.
- Drying takes approximately 12 - 24 hours.
- End grain wax is applied as finish and can not be painted over.

Apply End Grain Wax using a cloth or sponge to the cut face in way that produces a slight wax film.

Consumption: Approximately 250 ml are enough for up to 400 end grains.

Super Covering Varnish

For indoors and outdoors

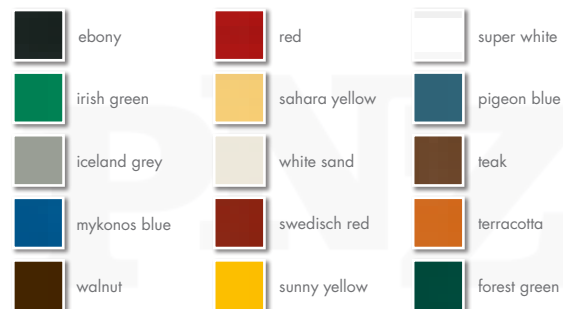
- » attractive, covering colors
- » solvent-free
- » oil-based

Suitable for: Any wood indoors and outdoors such as windows, window shutters, garden houses, facade cladding, timber framing, doors, fences, balconies, garden furniture, furniture and walls. Super Covering Varnish is a weatherproof, highly water-repellent coat that offers long-term protection against UV-rays. It is drop-reduced, open-pore, moisture regulating and odorless.

Application:

- Surface has to be clean, dry and free of dust and grease (consider sanding).
- Processing temperature (including drying) above 8°C.
Wood humidity < 18%. Air humidity < 60%.
- Can be painted over after approximately 8 hours. Final hardness is reached after 10 days. Handle with care during this period. Drying happens by oxidation accompanied by a characteristic odor so ventilate well during drying.
- Drying takes at least 8 - 12 hours (depending on weather).
Avoid exposure to moisture during this period.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Stir contents well before and during use.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.
- Apply once on all sides before assembly.

Apply Super Covering Varnish by spray nozzle, roller or immersion. Generally old, still viable coats can be painted over. For ideal durability: apply two times indoors and three times outdoors. Dust dry after approximately 3 hours, blockage-free after 8 - 24 hours (wet conditions or high humidity can increase time it takes to dry), can be painted over after 5 - 8 hours. Super Covering Varnish appears milky in its container but is the indicated color when dry.



Please read the technical data sheet or the product label before use.



Please read the technical data sheet or the product label before use.

Teak Wood Cleaner

For outdoors

- » thorough cleaning yet gentle
- » high yield
- » EURO-Norm identification not required or not classified

Suitable for: Any wood on yachts, boats or in garden areas (especially exotic wood). Teak Wood Cleaner cleans and restores the color of teak wood and similar hardwood from soiling such as algae, dirt, grease oil as well as graying and weathering.

Application:

- Processing temperature > 8 °C.
- Thoroughly wet the wood.
- Do not let detergent dry (work step-by-step on large surfaces).
- Treat wood using an appropriate pigmented product to prevent graying and weathering.

Depending on degree of soiling, apply Teak Wood Cleaner undiluted or at most diluted 1:10 to raw wet wood and let take short effect. Then brush using a scrubbing brush or cleaning fleece until the desired color is reached. Repeat as necessary. Afterwards rinse with clear water.

Consumption: Approximately 15 - 70 ml/m², meaning 1 liter of Teak Wood Cleaner is enough for approximately 15 - 70 m² per liter, depending on degree of soiling and dilution.

Teak Oil L

For outdoors

- » transparent
- » made from natural oils
- » preserves and protects

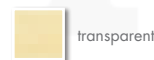
Suitable for: New and refurbishment coats of teak wood as well as domestic and exotic wood in protected outdoor areas (wooden decks, facade cladding, windows, doors, garden houses, timber framing, playsets, etc.). Teak Oil L Transparent offers excellent protection against extreme climatic influences due to its excellent deep impregnation and non-layer forming surface. Similar to bark it places itself in the capillary structures of wood and creates a highly water, weather and UV-resistant surface. Teak Oil L Transparent is free of toxic substances, after drying it is odorless and harmless in terms of building biology. Swelling and cracking are kept to a minimum. Teak Oil L Transparent does not protect against UV-rays (graying).

Application:

- Surface has to clean, dry and free of dust and frost.
- Remove contaminants (algae, grease, dirt) using an appropriate detergent.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Stir contents well before and during use.
- Apply once on all sides before use.

Apply Teak Oil L Transparent by brush, roller or spray nozzle. The wood is weatherproof after two to three applications with 12 hours of drying in between. Remove oil paint, high-build coating systems and any pore-closing old coats by sanding, stripping or burning. Clean open-pore coats and consider roughening them. Then apply as outlined.

Consumption: Approximately 40 ml/m², meaning 1 liter of Teak Oil L Transparent is enough for approximately 25 m² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3). Lower consumption affects durability of the coat.



PNZ

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PNZ

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Terrace and Gravestone Impregnation

Easy use

- » protects against dirt
- » impregnation
- » solvent-free

Suitable for: Transparent, universal impregnation for protecting against moss, algae and lichens. This inhibits the entry of dirt, oils and grease. Terrace and Gravestone Impregnation can be used on absorbent, mineral substrates such as exposed aggregate concrete, terracotta, natural and artificial stone, granite, brick walls, hard rock, stone stairs and gravestones.

Application:

- The surface has to be clean, dry and free of dust, grease, oil and moss.
- Use an appropriate detergent to clean the surfaces to be treated beforehand.
- Processing temperature (including drying) above 8°C. Air humidity < 60%.
- Test color fastness and material resistance on unobtrusive spot.
- Stir contents well before and during use.

Apply Terrace and Gravestone Impregnation by brush, roller or spray nozzle, one or two times, wet-on-wet.

Consumption: Depending on substrate: 0.3 - 1 Liter m². Polished: Approximately 20 m² per liter and more. The exact amount can be determined by testing.

Terrace and Gravestone Cleaner

Easy use

- » highly effective
- » free of muriatic acid
- » high yield

Suitable for: Natural and artificial stone, driveways, terraces, exposed aggregate concrete, garden paths, etc. Terrace and Gravestone Cleaner is an environmentally friendly cleansing extract free of muriatic acid that was specially developed for any kind of stone in garden, terrace or gravestone areas. Removes moss, algae, atmospheric soiling, grease, oil and other contaminants.

Application:

- Test for color fastness and material resistance on an unobtrusive spot
- Processing temperature > 8°C.

Apply Terrace and Gravestone Cleaner diluted or at most diluted 1:10 depending on degree of soiling to thoroughly wet surface and let take effect for approximately 1 - 3 minutes. Then rinse off using a scrubbing brush, cleaning fleece or pressure washer and plenty of water. Avoid prolonged exposure to direct sunlight. Do not let detergent dry. For large areas, work step-by-step. Repeat process as needed until desired result is achieved. After application of Terrace and Gravestone Cleaner and thorough drying of approximately 12 - 24 hours, we recommend treatment with an appropriate impregnation to protect against soiling, moss and algae. Ingress of dirty water is reduced, also prophylactic against efflorescence and frost damages.

Consumption: Depending on the degree of soiling and dilution: 10 - 30 m² per liter.

PNZ

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Deck Oil

For outdoors

- » open-pore
- » weather and UV-resistant
- » long-term preservation and protection

Suitable for: Domestic and exotic wood such as oak, cedar, larch, douglas fir, bangkirai, kambal, robinia and others. Deck Oil preserves and protects any wood outdoors. Ideal for terraces, wooden decks and garden furniture. It offers long-term protection against UV-rays and weather damages, while being abrasion-resistant, free of toxic agents and odorless when dry.

Application:

- Surface has to be clean, dry and free of dust.
- Remove contaminants (algae, grease, dirt) with an appropriate detergent.
- Woods with a particularly high content of wood components should be weathered for about 4 weeks prior to initial treatment. Fresh, pressure-treated wood like Massaranduba, Garapa, Ipè should be weathered for about 3 months prior to the initial treatment.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Adhere to rules of constructive wood preservation.
- Stir contents well before and during use.
- Produces a satin-matt surface.
- Apply oil thinly and evenly - avoid layer formation and collect excess oil.

Apply Deck Oil to raw, untreated wood using brush, roller or spray nozzle. The wood is weatherproof after two to three applications with 12 hours of drying in between. Can be used for aftercare on all common coats, as long as the substrate is viable (sand off substrate that isn't viable!). Then apply as outlined.

Consumption: Approximately 50 ml/m², meaning 1 liter of Deck Oil is enough for approximately 20 m² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3). Lower consumption affects durability of the coat.

Deck Oil for Thermowood

Protection against graying

- » thermowood brown
- » weather- and UV-protection
- » water-repellent

Suitable for: Wooden garden products made from thermowood such as terrace boards, wooden decks and garden furniture, also suitable for larch and exotic wood. Pigmented Deck Oil for Thermowood is based on renewable resources and is thermowood brown in color when dry. Deck Oil for Thermowood protects, preserves and impregnates. After treatment the surface is highly water-repellent, weather and UV-resistant and protected against graying for a long time.

Application:

- The untreated, sanded, wooden substrate has to be clean, dry and free of dust and grease.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%.
- Neutralize and remove graying from wood with an appropriate detergent beforehand.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.
- Woods with a particularly high content of wood components should be weathered for about 4 weeks prior to initial treatment. Fresh, pressure-treated wood like Massaranduba, Garapa, Ipè should be weathered for about 3 months prior to the initial treatment.
- Stir contents well before and during use.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Adhere to rules of constructive wood preservation.
- Apply oil thinly and evenly - avoid layer formation and collect excess oil.

Apply Deck Oil for Thermowood twice to dry wood (Apply to end grain until it stops absorbing). Can be painted over after 12 - 24 hours. Later on always paint over Deck Oil for Thermowood using the same product. Renew the coat in time when cracking is visible or exposed to adverse weather conditions.

Consumption: Approximately 60 - 70 ml/m², meaning 1 liter of Deck Oil for Thermowood is enough for approximately 15 m² per coat, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3). Lower consumption affects durability of the coat.



gray



black

Please read the technical data sheet or the product label before use.



thermowood

Please read the technical data sheet or the product label before use.

Universal Cleaner

For varnished surfaces

- » highly effective and gentle
- » intensive cleaning
- » easy use

Suitable for: Any water-resistant surfaces such as tiles, tiling, ceramics, glass, windows, metal parts, plastic surfaces, synthetic and genuine leather, lights and garden furniture. Universal Cleaner can also be used for flexible flooring made of PVC, CV, polyolefin, linoleum, rubber as well as natural and artificial stone.

Application:

- Processing temperature above 8 °C. Air humidity < 60%.
- Repeat process if necessary.
- Remove loose dirt with absorbent cloth and thoroughly rinse treated surface with lukewarm water.
- For sensitive surfaces test on an unobtrusive spot.

Universal Cleaner thoroughly cleans the surface, while being gentle. It dries leaving behind no residue or streaks. Cleaned surfaces retain their natural look. Depending on degree of soiling put approximately 10 - 70 ml of Universal Cleaner in a 10 liter bucket filled with clean water.

Consumption: Approximately 15 - 70 ml/m², meaning 1 liter of Universal Cleaner is enough for approximately 15 - 70 m² per liter depending on degree of soiling and solution.

UV Protection Oil

For outdoors

- » transparent wood finishing
- » for every kind of wood
- » long-term protection

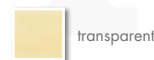
Suitable for: Any vertical wood outdoors that is to be protected in the long-term. Wooden facades, balconies, windows and shutters, fences, pergolas, wooden slates, garden furniture and garden houses, carports etc. Equally suitable for all kinds of wood. Used as final coating for painted, treated wood our product reduces the need for regular refurbishment.

Application:

- Surface must be clean, dry and free of dust and grease.
- Remove contaminants (algae, grease, dirt) with an appropriate detergent.
- Remove old varnish coats. Remove grease and rust from iron parts. Stain freshly galvanized metal (roof gutter). (Concrete and Eternit require a trial coat, if needed apply deep penetrating primer).
- Apply appropriate impregnation primer to softwood used outdoors (risk of fungus) prior to the initial coating.
- For protection against graying an undercoat of pigmented oil is recommended.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Drying time about 12 - 24 hours (dust-dry after about 6 hours).
- Apply once on all sides before assembly.

Apply oil thinly and evenly along the grain up to two times using roller or brush. Horizontal surfaces require more regular refurbishment. Ventilate well if used indoors.

Consumption: Approximately 40 ml/m², meaning 1 liter of UV-Protection Oil is enough for approximately 25 m² per coat, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor of 2 - 3). Lower consumption influences durability of the coat.



Anti-Yellowing Finish

For indoors

- » solvent-free
- » for floors, boards, stairs and walls
- » increases durability of the wood

Suitable for: Light wood in indoor and roofed outdoor areas. Anti-Yellowing Finish reduces the natural darkening and yellowing caused by UV-rays. It is ready to use out of the can and additionally reduces shrinkage, cracking and swelling which increases the durability of the wood and subsequent coatings. Anti-Yellowing Finish keeps any discoloration due to exposure to light on furniture, floors and wall and ceiling cladding made from light wood such as maple, beech, spruce and pine to a minimum.

Application:

- The untreated substrate has to be clean, dry and free of dust and grease.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Sand yellowed wood until light, raw wood appears.
- Drying takes at least 12 - 24 hours (depending on weather).
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Stir contents well before and during use.

Apply Anti-Yellowing Finish to clean surface by brush, roller, spray nozzle or immersion on all sides (also suitable for production lines). Treated wood can be stacked immediately without sticking together. A pigmented product can be used on the treated surface (drying time increases).

Consumption: Approximately 30 - 120 ml/m², meaning 1 liter of Anti-Yellowing Finish is enough for approximately 8 - 30 m² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3).

Vinyl Daily Care

For regular aftercare

- » wax-based
- » satin gloss full care
- » simply add to mopping water

Suitable for: Regular aftercare of any vinyl floors and other vinyl surfaces. Vinyl Daily Care is added to mopping water for continued maintenance.

Application:

- Soiling or old gray film should be removed with an appropriate detergent beforehand.

Continued maintenance: Every 5 - 10 cleaning cycles instead of using Vinyl Daily Clean put approximately 30 - 50 ml of Vinyl Daily care in a 10 liter bucket of clear water and wipe damp.

Consumption: 1 liter of Vinyl Daily Care is enough for approximately 20 cleaning cycles and more.

PNZ

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PNZ

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Vinyl Daily Clean

For continued maintenance

- » highly effective and gentle
- » intensive cleaning
- » simply add to mopping water

Suitable for: Specially made for maintenance of any vinyl floors or surfaces.

Application:

- Test on unobtrusive spot for sensitive surface (use a sample area).

Vinyl Daily Clean is gentle and simultaneously cleans the surface thoroughly. Leaves behind no residue or streaks. Treated surfaces keep their natural look. Vinyl Daily clean contains natural ingredients without any dyes or aromatic substances. Avoid standing moisture, only wipe wet at most. Regular aftercare with an appropriate product (approximately every 5 - 10 cleaning cycles) is recommended.

Consumption: Approximately 20 - 30 ml per 10 liter water bucket, meaning 1 liter of Vinyl Daily clean is enough for approximately cleaning cycles.

Vinyl Intensive Cleaner

For removing stubborn dirt

- » removes grease, oil, wax
- » intensive cleaning and preserving
- » highly effective and gentle

Suitable for: Basic cleaning of vinyl floors. Vinyl Intensive Cleaner cleans the floor prior to a refinish and removes old gloss finish, polymer layers, waxes, oil films and other contaminants.

Application:

- Test on unobtrusive spot for sensitive surfaces (use a sample area).

Apply Vinyl Intensive Cleaner to the wet surface pure or at maximum diluted with water 1:10 and let take effect for 3- 5 minutes if needed. Consider using a scrubber, pad or cleaning machine. To avoid Vinyl Intensive Cleaner drying, work step by step. Collect removed dirt and rinse with clear water.

Consumption: Approximately 15 - 70 ml/m², meaning 1 liter of Vinyl Intensive Cleaner is enough for 15 - 70 m² per liter depending on degree of soiling and dilution.

PNZ

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Vinyl Refresher

For refreshing

- » full care after intensive cleaning
- » glossy
- » sealing

Suitable for: Reapplication of a nurturing protective coat on vinyl floors after an intensive cleaning with an appropriate detergent. Vinyl Refresher is a glossy care product based on acrylates. Scratches are laminated, the surface is at once nurtured, protected and sealed. Vinyl Refresher is applied after transfer or intensive cleaning as preventive care or to renew the floor.

Application:

- Surface has to be clean, dry and free of dust.
- Remove contaminants with an appropriate detergent and let dry.
- Use undiluted.
- Processing temperature above 8 °C.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Produce a satin gloss on the surface.

Apply Vinyl Refresher evenly and undiluted using a wet cloth or mop. Avoid standing moisture and dripping. Do not polish. Vinyl Refresher produces a glossy surface by itself.

Consumption: Approximately 15 ml/m², meaning 1 liter of Vinyl Refresher is enough for approximately 60 - 70 m² per application.

Vinyl Repair

For removing superficial damages

- » preventive maintenance and protection against high stress
- » alleviates scratches
- » transparent when dry

Suitable for: Any strained indoor vinyl surfaces or superficially scratched. Vinyl Repair effectively diminishes superficial scratches. It simultaneously maintains and protects the surface. Transparent when dry.

Application:

- The surface has to be clean, dry and free of dust and grease.
- Remove contaminants using an appropriate detergent.
- At 20 °C and approximately 55% relative air humidity drying takes approximately 1 - 3 hours.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Shake/stir contents well before and during use.

Apply Vinyl Repair thinly and evenly to surface using a cotton cloth or by machine. After the wax layer has dried (approximately 1 - 3 hours) polish if needed. Let remaining matt spots dry and polish again. Remove possible streaks by polishing using a white pad. Repeat regularly when needed.

Consumption: Approximately 15 - 20 ml/m², meaning 1 liter of Vinyl Repair is enough for approximately 50 - 65 m² per layer.

PNZ

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PNZ

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Vinyl Wax Care

For indoors

- » preventive maintenance and protection against high stress
- » antistatic and non-slip effect
- » refines the surface

Suitable for: Any strained indoor vinyl surfaces (for example by dogs, fading caused by normal use, commercial properties, public buildings, etc.). Vinyl Wax Care is dirt-repellent, antistatic and non-slippery. It simultaneously maintains and protects the surface. Transparent when dry.

Application:

- The surface has to be clean, dry and free of dust and grease.
- Contaminants can be removed with an appropriate detergent.
- At 20 °C drying takes approximately 1 - 3 hours.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Stir/shake well before and during use.

Apply Vinyl Wax Care thinly and evenly to surface using a cotton cloth or by machine. After the wax layer has dried (approximately 1 - 3 hours) polish if needed. Let remaining matt spots dry and polish again. Remove possible streaks by polishing using a white pad. Repeat regularly as needed.

Consumption: Approximately 10 - 15 ml/m², meaning 1 liter of Vinyl Wax Care is enough for approximately 80 - 100 m² per application, depending on the type of wood and surface.

Wax Stain

For indoors

- » solvent-free
- » mixable with any color
- » transparent and brightening

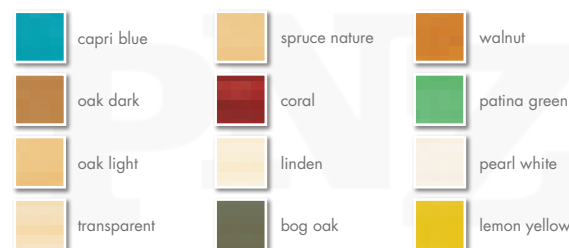
Suitable for: Wooden decks, cladding, ceiling beams, carvings, shelves and furniture. Wax Stain is very well suited for spruce and pine but also suitable for other domestic wood indoors. Wax Stain is a solvent and ammonia-free wax emulsion and positive stain. All colors can be mixed among another. Transparent Wax Stain may brighten or dilute other colors.

Application:

- The untreated substrate has to be clean, dry and free of dust and grease.
- Remove possible seepage of glue beforehand.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Stir contents well before and during use.
- Works differently depending on surface characteristics. A trial coat is necessary.

Apply plenty of Wax Stain evenly by brush. Polish to desired shine after drying using a polishing brush or other firm brush. Wax stains tend to not be very water-resistant.

Consumption: Approximately 100 - 140 ml/m², meaning 1 liter of Wax Stain is enough for approximately 7 - 10 m² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3).



Please read the technical data sheet or the product label before use.



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Wax Finish

For indoors

- » maintenance for any surface
- » dirt-repellent
- » anti-static

Suitable for: Any wood or cork surfaces in indoor areas exposed to high-stress, as well as linoleum, PVC, plastic floor covering, laminate, stone, wood, marble, terracotta and ceramic floor tiles. Wax Finish is anti-static, anti-slip and dirt-repellent. Wax Finish maintains and protects the surface while keeping it breathable. Transparent when dry.

Application:

- The surface has to be clean, dry and free of dust and grease.
- Untreated wood has to be treated with appropriate oils beforehand.
- Remove contaminants with an appropriate detergent.
- At 20 °C drying takes approximately 1 to 3 hours.
- Processing temperature (incl. drying) above 8 °C.
Moisture content of wood < 18%. Humidity < 60%.
- Effect varies depending on surface. A trial coat is necessary.
- Stir contents well before and during use.

Apply Wax Finish to the treated surface thinly and evenly using a brush, cotton cloth or by machine. Polish immediately after the wax layer has dried (approximately 1 - 3 hours). Let remaining matt spots dry and polish again. Apply Wax Finish as needed (faded areas) or after every basic cleaning. For further maintenance and cleaning request the maintenance instructions for oiled and waxed floors.

Consumption: Approximately 10 - 15 ml/m², meaning 1 liter of Wax Finish is enough for approximately 80 - 100 m² per application, depending on the kind of wood and surface.

Wax Putty

For indoors

- » universally usable
- » refurbishment
- » for small damages and defects in wood

Suitable for: Universally usable refurbishment wax for mending surface damages and small defects in varnished, oiled or glazed wood surfaces indoors, such as doors and furniture, wall panels and wood parts.

Application:

- The wooden substrate has to be dry, clean and free of dust and grease.
- Processing temperature (including drying) above 8°C.
Wood humidity < 18%. Air humidity < 60%.

Apply Wax Putty, then smooth out the surface. Wax Putty is best applied lukewarm. Mended spots can be treated with glaze, varnish, wax and oil.

Consumption: Depends on need.

PNZ

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Water Proofer

For outdoors

- » solvent-free
- » water-repellent due to the pearling effect
- » impregnates

Suitable for: Wood outdoors (garden furniture, facades, balconies, fences, doors, windows, gates, beams, ceilings), cork as well as clay and cotton surfaces. Water Proofer offers long-term protection against moisture of any kind and impregnates while invisible to the naked eye.

Application:

- The substrate has to be clean, dry and free of dust and frost.
- Processing temperature (including drying) above 8°C.
Wood humidity < 18%. Air humidity < 60%.
- Test old coats for stability.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.
- Drying takes approximately 6 - 12 hours, depending on weather, absorbency and temperature.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Stir contents well before and during use.

Apply Water Proofer to clean surface by brush, roller, spray nozzle or immersion. Collect excess material on non-absorbent substrates after approximately 30 minutes. Renew as needed.

Consumption: Approximately 100 - 200 ml/m², meaning 1 liter of Water Proofer is enough for approximately 5 - 10 m² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3).

Color Block Primer

For any wood indoors and outdoors

- » brightens colors
- » refurbishment coat
- » water-repellent

Suitable for: Any wood indoors and outdoors such as windows, window shutters, facade cladding, doors, fences, balconies, tongue and groove boards, garden houses, garage gates as well as beehives. In combination with another appropriate product Color Block Primer restores color to dark and weathered wood and it can be used for refurbishment to give wood a brighter color. Color Block Primer is solvent-free, weather-proof, highly water-repellent and environmentally friendly. It offers high resistance against UV-rays, lasts a long time and is odorless.

Application:

- The surface has to be clean, dry, viable and free of dust and grease.
- Completely remove loose parts of old coats, dirt and other contaminants.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.
- Processing temperature (including drying) above 8°C.
Wood humidity < 18%. Air humidity < 60%.
- Can be painted over after approximately 8 hours. Final hardness is reached after 10 days. Handle with care during this period. Drying happens by oxidation accompanied by a characteristic odor so ventilate well during drying.
- Drying takes at least 8 - 12 hours (depending on weather).
Avoid exposure to moisture during this period.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Stir contents well before and during use.
- Apply once on all sides before assembly.

Apply plenty of Color Block Primer one to three times by brush, roller or spray nozzle until an even, covering coat forms. Insulate wood components or previous oil-based coats using an appropriate insulating primer. Then apply Color Block Primer.

Consumption: Approximately 100 ml/m², meaning 1 liter of Color Block Primer is enough for approximately 10 m² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3).

PNZ

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Softwood Lye

For indoors

- » solvent-free
- » for floors, boards, stairs and walls
- » highlights the natural grain

Suitable for: Fresh, non-yellowed or thoroughly sanded or bleached softwood indoors. Our Softwood Lye highlights the natural grain, while only needing a short time to take effect and being odorless. The solvent-free product is ideal for wooden floors, boards, stairs, wall and ceiling paneling, furniture and glued boards. Softwood Lye can be applied large-scale and efficiently.

Application:

- The raw wood has to be finely sanded (at least grit 120), clean, dry and free of dust and grease.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Sand yellowed wood until light, raw wood appears.
- Brush out resinous spots with an appropriate detergent along the grain.
- Application does not restore color of yellowed wood.
- Drying for aftercare: with an appropriate detergent at least 1 day, with other appropriate products at least 3 days, with varnish at least 5 days.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Stir and shake contents well before and during use
- Further treatment is necessary for effect and surface protection
- Do not use metal containers or tools (risk of corrosion).

Apply plenty of Softwood Lye evenly to finely sanded surface by brush or roller. If after application dry spots remain, apply more Softwood lye until an even layer remains on the entire surface. Apply to wall and ceiling paneling before and after assembly. After drying remove the dry dust using a dry scrubber brush or abrasive pad and vacuum.

Consumption: Approximately 100 - 120 ml/m², meaning 1 liter of Softwood Lye is enough for approximately 8 - 10 m² per application. Wooden paving can increase consumption (factor 3 - 4).

WPC Stain Remover Spray

Combination of stain and dirt remover.

- » for WPC, Resysta and synthetic rattan
- » easy use
- » removes stubborn stains

Suitable for: Thorough cleaning of WPC (Wood-Plastic Composites) as well as Resysta and synthetic rattan surfaces. Removes stains such as dispersion paint, felt-tip, pen, ink, black rubber abrasion, water-resistant glue residue etc.

Application:

- The untreated substrate has to be tested for compatibility before application.
- Apply WPC Stain Remover Spray on an unobtrusive spot to test color fastness and material resistance.
- Shake contents well before and during use.
- Wet surface before use. Let take short effect on sensitive surfaces.

Spray WPC Stain Remover Spray on stain and allow to take effect for 1 to 5 minutes. Rub off with absorbent cloth. Stubborn stains may need to be treated with a brush, pad or plastic paint scraper. Wipe with water after removal. We recommend care products for aftercare.

Care: Repeat as necessary.

Consumption: Depending on degree of soiling.

PNZ

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WPC Impregnation Evolution

For WPC (Wood-Plastic Composites), for Resysta

- » new formula
- » excellent surface adhesion
- » easy-to-clean surface

Suitable for: Impregnation of WPC (Wood Plastic Composites), and Resysta and synthetic rattan surfaces. WPC-Impregnation Evolution is a water based, transparent impregnation which is suitable for any WPC surfaces. Our product is made from natural oils, impregnates WPC surfaces open-pore, makes them weather-resistant and increases resistance against UV-rays. Effective defrosting agent for outdoor areas due to active, moisture-regulating surface.

Application:

- Surfaces must be clean, dry and free of frost and dust.
- Use a suitable detergent to remove algae, grease, dirt and other impurities.
- Processing temperature (including drying) + 8 °C. Air humidity < 60%.
- Stir contents and shake well before and during use.
- Works differently depending on surface characteristics. Trial coat is required.

Apply the WPC-Impregnation Evolution twice by brush or cloth (intermediate drying approx. 12 hours). You can coat over the partially dried product after about 8 - 12 hours. Drying period can increase depending on weather. Renew as needed, observe surface.

Consumption: Approximately 50 – 100 ml/m², meaning 1 liter of WPC-Impregnation Evolution is enough for approximately 10 – 20 m² per application depending on the type of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor of 2 – 3).

WPC Intensive Cleaner

For WPC (Wood-Plastic Composites)

- » for Resysta and synthetic rattan
- » easy to use
- » intensive cleaning

Suitable for: Intensive cleaning of WPC (Wood-Plastic Composites), as well as Resysta and synthetic rattan surfaces. The special cleaning agent restores the original color.

Application:

- Processing temperature + 8°C; not in direct sunlight.
- Drying period after application about 12 – 24 hours.
- After drying retreat WPC e.g. with a suitable impregnation.
- Work in sections for larger areas.
- Effect varies depending on surface. A trial coat is necessary. Apply WPC Intensive Cleaner on an unobtrusive spot for testing.

Apply WPC Intensive Cleaner (depending on the degree of soiling) pure or diluted 1:5 with water to the wet WPC surface and brush into the WPC along the grain. After approx. 15 min brush off with a bristle brush or cleaning fleece (pad) and with water. Do not allow WPC Intensive Cleaner to dry in and work in small manageable areas. Remove dissolved dirt and wipe with clear water. If necessary repeat. Then rinse well with clear water. After application of WPC Intensive Cleaner and good drying of approx. 12 - 24 hours treat WPC with a suitable impregnation to prevent weathering and to minimize staining.

Consumption: Approximately 50-100 ml/m², meaning 1 liter WPC Intensive Cleaner is enough for approximately 10 - 50 m² surface per liter.

PNZ

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PNZ

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WPC Cleaner

For WPC (Wood-Plastic Composites)

- » for Resysta and synthetic rattan
- » easy to use
- » eco-friendly

Suitable for: Basic cleaning of WPC (Wood Plastic Composites), as well as Resysta and synthetic rattan surfaces. The specially developed WPC-Cleaner removes atmospheric soiling, algae, greying, grease, oil and other impurities. The eco-friendly cleansing extract also removes dirt from ripples, crevices and grooves.

Application:

- Processing temperature (incl. drying) + 8 °C; not in direct sunlight.
- Drying period after application approx. 12 – 24 hours.
- After drying, retreat WPC e.g. with a suitable impregnation.
- Works differently on distinct surfaces. Use an unobtrusive spot for a sample.

Apply WPC-Cleaner (depending on the degree of soiling) pure or diluted 1:10 with water to the wet WPC surface and allow to act for approx. 3 - 5 min. Then brush off with a bristle brush or cleaning fleece (pad) and rinse with water. Do not allow WPC-Cleaner to dry in and work in small manageable areas. Remove dissolved dirt and wipe with clear water. Repeat if necessary. After application of WPC-Cleaner and thorough drying of approx. 12 - 24 hours treat WPC with a suitable impregnation to prevent weathering and to minimize staining.

Consumption: Approximately 15-70 ml/m², meaning 1 liter of WPC-Cleaner is enough approximately 15 – 70 m² per liter.

Yacht and Boat Varnish

For indoors and outdoors

- » resistant to seawater
- » weatherproof
- » flexible

Suitable for: Any wooden surface indoors and outdoors such as yachts and boats, garden furniture, floors, furniture and stairs. Yacht and Boat Varnish is weatherproof, flexible and abrasion-resistant. It offers protection of the highest caliber against extreme temperature fluctuations and stress caused by gases, bases as well as seawater.

Application:

- The untreated, wooden surface has to be clean, dry and free of dust and grease.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Remove grease, dirt and algae with an appropriate detergent.
- Do not apply in direct sunlight.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.
- Final hardness is reached after 3 days.
- Stir contents well before and during use.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Apply once on all sides before assembly.

Apply Yacht and Boat Varnish thinly and evenly by brush or roller. Apply the first coat diluted 1 : 1 with thinner. After letting dry for at least 24 hours apply two to four more times undiluted. Sand lightly (grit 150) in between each coat. Yacht and Boat Varnish is glossy and transparent when dry.

Consumption: Approximately 70 - 80 ml/m², meaning 1 liter of Yacht and Boat Varnish is enough for approximately 12 - 14 m² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3).

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Please read the technical data sheet or the product label before use.

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Yacht and garden furniture oil Teak Oil

For indoors and outdoors

- » solvent-free
- » easy use
- » EURO-Norm identification not required or not classified

Suitable for: Exotic wood especially red cedar, teak and others. Preserver oil for furniture and decks on yachts, boats and terraces. Contains pigments that effectively block UV-rays and protect the wood against graying and moisture. Teak Oil W is satin-matt, abrasion-resistant and protects the surface against algae and moss by drying quickly.

Application:

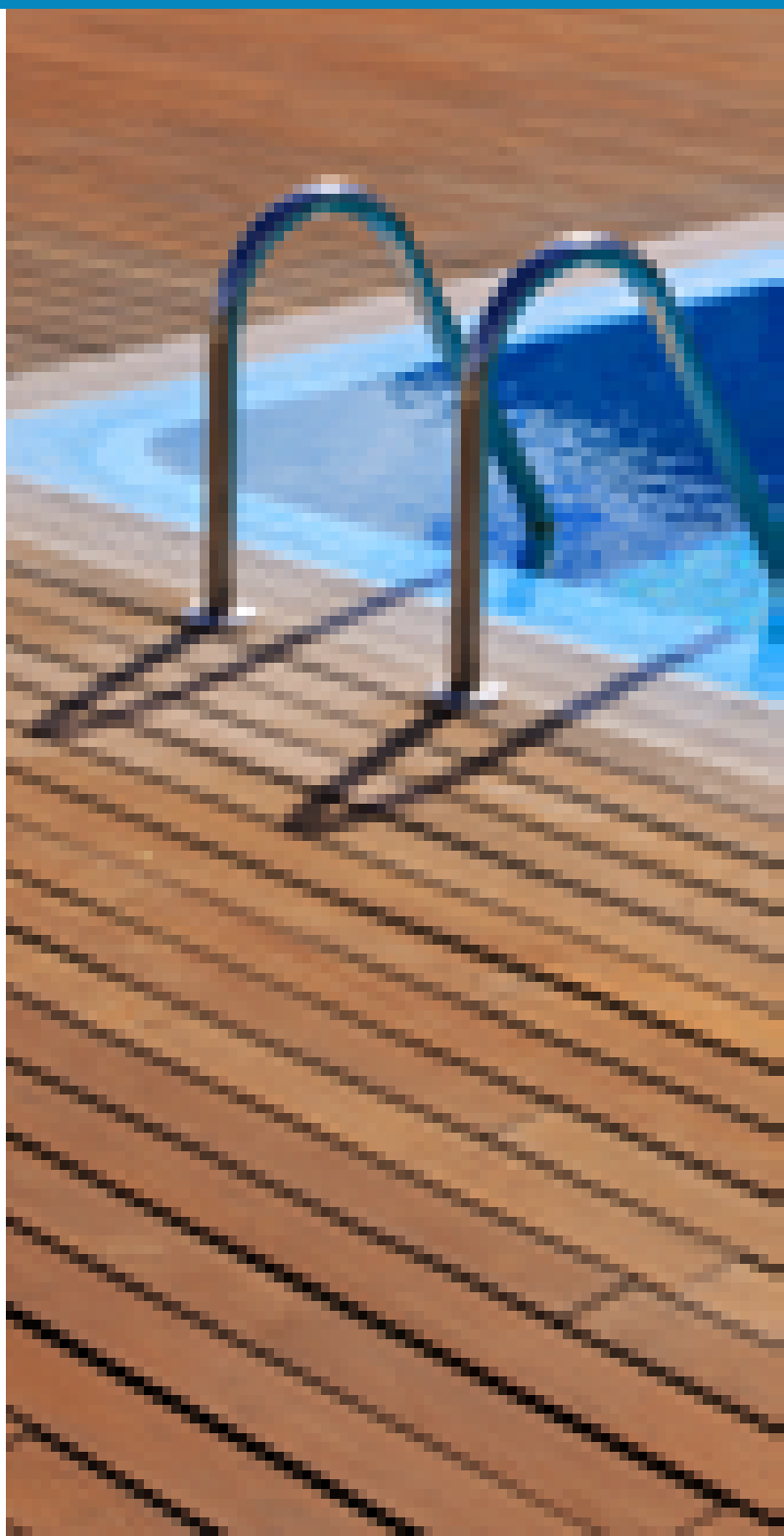
- Surface has to be clean and free of dust.
- Remove graying with an appropriate detergent.
- Processing temperature (including drying) above 8°C. Wood humidity < 18%. Air humidity < 60%.
- Works differently depending on surface characteristics. A trial coat is necessary.
- Treat softwood (risk of fungi) in outdoor areas with an appropriate impregnation primer before applying the first coat.
- Stir contents well before and during use.
- Apply once on all sides before assembly.

Apply Teak Oil W to raw, untreated wood using brush, roller or spray nozzle. The wood is weatherproof after two applications. For better saturation of the wood one application "wet-on-wet" is recommended. Drying takes approximately 12 hours (depending on humidity and temperature). Renewal depends on exposure, once or twice a year but after every basic cleaning.

Consumption: Approximately 60 - 70 ml/m² meaning 1 liter of Teak Oil W is enough for approximately 15 m² per application, depending on the kind of wood and surface (planed or rough-sawn). Corrugated wood can increase consumption (factor 2 - 3). Lower consumption affects durability of the coat.



Please read the technical data sheet or the product label before use.



[illegible][illegible]

notes:

[illegible][illegible]



CERTIFICATES

PNZ



resistant to saliva and sweat according to DIN 53160 T.1 and T.2; EN 73/3



PNZ-Produkte GmbH is certified as CO₂-neutral company



Safe acc. To construction biology. Certified and recommended by the Institute for construction biology in Rosenheim.
(www.baubiologie-ibr.de)



This certificate is for construction products that comply with the relevant technical regulations, the building inspectorate approval, the building inspectorate test certificate or the provision in individual cases.



Independent rating from German DIY magazine ("Selbst ist der Mann")

PNZ-Produkte GmbH

Eichstätter Straße 2-4a

D-85110 Kipfenberg

Telefon +49 (0)8465 17380

Telefax +49 (0)8465 3616

E-Mail info@pnz.de

www.pnz.de



NATURAL WOOD CARE

PNZ-Produkte GmbH
Eichstätter Straße 2-4a
D-85110 Kipfenberg

Telefon +49 (0)8465 17380
Telefax +49 (0)8465 3616
E-Mail info@pnz.de
www.pnz.de

