

A high-angle photograph of two young girls with blonde hair styled in braids with blue and black hair ties. They are sitting on a wooden deck, wearing white t-shirts and black sandals. They are hugging each other from behind. The deck is made of horizontal wooden planks. In the top right corner, there is a blue square with the white text 'PNZ'.

PNZ

**Aus Liebe zum Holz
Because we love wood**



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PNZ-ABBEIZER (PNZ-STRIPPER)

Properties:

To remove single component coats, such as emulsion, latex paint, synthetic resin, acrylic, alkyd and styrene paints, oil paints and NC paints. Also safely and thoroughly removes multiple paint coats on wood-chip wallpaper, adhesive and foam carpet backing remnants.

- Free from CFCs, aromatic compounds, acids and alkalis.
- Contains no aggressive solvents; hence also suitable for sensitive soft and hard woods (no subsequent darkening).
- Does not dry even after a few hours and therefore has excellent penetration, allowing removal of several paint layers over a large area in a single operation.
- May also be applied to vertical surfaces.

Areas of use:

All interior and exterior woods, as well as mineral surfaces.

Usage:

PNZ-ABBEIZER (PNZ-STRIPPER) is relatively simple to use. The material is applied with a brush or scrubber (natural bristle) evenly over the surface to be treated. Allow at least ½ hour (the longer the better) to penetrate. Remains effective and moist up to 48 hours. Once all paint layers have been dissolved, remove with a scraper or rinse off with a strong water jet or thoroughly wash off with a brush and water. Check the adhesion of the surface prior to recoating.

Ensure sufficient ventilation indoors.

Usage: Temperature for use: 10 to 25°C

Storage: May be kept at least 1 year in a well-sealed container. Store in a cool and frost-free place.

Cleaning: Clean tools with water.

Waste disposal:

According to local authority regulations for chemical waste.

Note:

Irritates eyes and skin. Avoid direct contact. Rinse with clear water if in contact with skin or eyes. We recommend wearing gloves during use. Do not breath vapours and only use in well-ventilated areas. In the case of swallowing, obtain medical assistance immediately and show the package and labelling. Keep out of reach of children.

Keep away from food, drink and feedstuffs.

UBA no. 05200305, GISBAU code: M-AB20

Contents: Contains esters and carboxylic acid derivatives, < 5% non-ionic tensides

Container sizes: 0.75 litres, 2.5 litres, 10 litres, and larger



PNZ-HOLZ-WURM-FREI (PNZ-WOODWORM-FREE)

Properties:

PNZ-HOLZWURMFREI (PNZ-WOODWORM-FREE) is a colourless and deeply penetrating substance to combat pests, such as woodworm, longhorn and furniture beetles, while protecting against reinfestation.

Areas of use:

PNZ-HOLZWURMFREI is suitable for all interior and exterior woods, such as trusses, roofing timber, battens, timber beams, boards, furniture, and antiques etc. PNZ-HOLZWURMFREI has little odour in use and is odourless when dry.

Usage:

Wood must be dry and free of dust.

Remove remains of old coats then apply PNZ-HOLZWURMFREI by drilled hole impregnation, dipping, painting, and spraying. Soak infested wood until it is saturated.

Coverage: Approx. 300 ml/m² per coat.

Drying time: Up to one day depending on the absorbency of the wood, humidity and temperature.

Cleaning: Clean tools and brush cleaner or white spirit.

Note:

Only use according to instructions.

Only use where protection of the wood is required.

Keep away from children.

Not to be used in contact with foodstuffs and animal feeds.

Do not use with beehives.

Ensure sufficient ventilation during use.

Do not allow entry into surface waters; this substance is toxic for fish and organisms in the fish food chain.

Avoid contact with eyes and skin.

Hazard class A III.

Colours: colourless

Contents: Dearomatised hydrocarbons. 0,02 g / 100 g Flufenoxuron (active substance).

Container sizes: 125 ml spray bottle, 0.75 litres, 2.5 litres, and larger.



PNZ-VERGILBUNGSBLOCKER (PNZ-YELLOWING-PROTECTOR)

Solvent-free wood yellowing protector for inside and outside

Properties:

Preventative, ready-to-use, solvent-free wood enhancement preparation to reduce natural yellowing of wood by UV exposure. Significant reduction in the effect of shrinkage, cracking and swelling caused by crystallisation and hardening due to dampness in the capillaries, serving to extend durability of the wood and subsequent coating systems.

Area of use:

PNZ-VERGILBUNGSBLOCKER ((PNZ-YELLOWING-PROTECTOR) protects against darkening, greying and yellowing for years, especially for light woods, such as maple, birch, fir, spruce and all pines, improving the dimensional stability and lifespan of these timbers. Discolouring due to variable incidence of light is greatly reduced, e.g. with furniture and floors (under carpets), ceilings and wall panelling, garden sheds and wooden houses, as well as other exterior timbers.

Usage:

Untreated wood must be clean, dry (under 18 % wood moisture) and free of grease. Sand off already yellowed timber down to the light bare wood, as PNZ-VERGILBUNGSBLOCKER is not a chemical bleaching agent. Stir PNZ-VERGILBUNGSBLOCKER and apply on all sides by hand rolling, brushing dipping or with an automated roller. May also be applied on a production line. Application temperature not under 8° C. The treated wood can be stacked immediately without sticking and may be reworked with all PNZ products after drying. For exterior use, timber at risk from blue mould and fungi should be treated before the final coat (e.g. with PNZ-IMPRÄGNIERGRUND W (PNZ-IMPREGNATION-PRIMER) W, PNZ-HOLZLASUR (PNZ-WOOD-VARNISH), PNZ-AUSSENÖL (PNZ-EXTERIOR-OIL).

Drying time: Approx. 12-24 hours, depending on absorbency, humidity and temperature.

Coverage: Approx. 30-120 ml per sqm. depending on the wood type and surface (planed or rough sawn).

Storage: Cool, but frost-free, seal can tightly.

Cleaning: Clean tools with soap and water.

Note:

Some red woods, such as rosewood may become lighter.
It has different effects on different surfaces. A trial coat is therefore essential.

Contents: Water, modified acrylate latex and additives.

Certification:

Non-certified, GGVS (German law on the transport of dangerous goods by road) and VbF (German regulations on combustible liquids) do not apply.

Container sizes: 1 litres, 5 litres, 10 litres, 30 litres and larger.



PNZ-IMPRÄGNIERGRUND W (PNZ-IMPREGNATION-PRIMER W)

Properties:

PNZ-IMPRÄGNIER-GRUND W (PNZ-IMPREGNATION-PRIMER W) is a colourless, deep penetrating primer against blue mould and fungus, based on natural drying plant oils, solvent-free. PNZ-IMPRÄGNIER-GRUND W produces a waterproof, moisture regulating and swell-resistant coat, which provides reliable and deeply penetrating protection against blue mould, rot and fungal infestation.

Areas of use:

All wooden constructions, wood panelling, windows, shutters, garden sheds, plant pots, greenhouses, trelliswork, garden furniture, balconies, roof beams, doors, garden gates etc. as well as damp and wet rooms. PNZ-IMPRÄGNIER-GRUND is not UV resistant and only serves as an undercoat for PNZ-HOLZ-WACHS (PNZ-WOOD-WAX) and PNZ-HOLZ-LASUR (PNZ-WOOD- VARNISH) solvent-free as well as all other commercially available varnish and cover coatings. PNZ-IMPRÄGNIER-GRUND W has a neutral odour.

Usage:

Wood should be untreated (completely remove old, film-forming coats), free of dust, well dry and frost-free. Use above + 8 °C, wood moisture under 18 %. Application: Brush on, dip or spray all sides once.

Coverage: Approx. 120 -160 ml/m² per coat.

Colours: Colourless.

Drying time: Up to one day depending on absorbency, humidity and temperature.

Cleaning: Clean tools with soap and water.

Safety warning:

Keep out of reach of children.

Do not use over large area in living-spaces. We recommend PNZ-Bor-Imprägnierung (PNZ Boron Impregnation) for interiors.

Keep away from food, drink and feedstuffs.

Do not allow entry into sewage.

Tested acc. DIN - EN 152 blue mould.

DIN - EN 113 fungus.

German regulations on handling hazardous materials: Non-certified.

Regulations on flammable liquids: N/A

Storage: Cool, but frost-free, well sealed.

Contents: Water, oil alkyd. Active substance: 0.7% iodine carbamate.

Container sizes: 0.75 litres, 2.5 litres, 10 litres, 30 litres and larger.



PNZ-BOR-IMPRÄGNIERUNG (PNZ-BORON-IMPREGNATION)

Properties:

Colourless, liquid, ready-to-use salt preparation without exhalation.

Preservative, colourless wood protection agent against wood pests and destructive fungi for interior and exterior timbers, which do not come in direct contact with water, for example: roofing beams, square beams, floorboard sub-construction, stables etc.

Usage:

Remove dirt, rough edges and pieces of bark. Wood must be untreated and absorbent. To improve the depth of penetration, smooth planed or dry wood (wood moisture under 15%) should be evenly dampened with water. A trial application is especially important with oak or exotic timbers.

Stir well before use.

Apply by bushing, spraying or dipping.

When using a brush, apply 1 - 2 coats depending on the nature of the wood.

Should a second coat be required, this should be applied after at least 2 - 3 hours.

The next day:

Moisten with a damp cloth if there is a white layer of crystallised salt.

Boron salts are easily washed off; the treated timbers should therefore not be exposed to the rain. Retreat subsequent dry cracks with PNZ-BOR-IMPRÄGNIERUNG.

Coverage:

Protection class I: Interior components under permanent dry conditions:

1 litre for approx. 6 - 7 m² per coat.

Protection class II: Interior components as well as external parts built under roofing, which are only subject to temporary moisture: 1 litre is sufficient for approx. 5 m² per coat.

(Components are wooden materials, which serve as load-bearing or rigidity purposes in building systems.)

Drying time: approx. 24 hours.

Storage:

Protect from frost. Shelf life of at least 2 years. Any crystal formation may be dissolved by heating to 50° - 60°C, e.g. in a hot water bath.

Recommended storage temperature: above 8°C.

Colours: Colourless

Note:

Store out of reach of children.

Avoid contact to skin and eyes.

Rinse splashes with plenty of water.

Must not be allowed to enter the ground or waterways.

Do not rub down with steel wool before or after applying PNZ-BOR-IMPRÄGNIERUNG, as the iron dust may result in black colouration. Do not apply on iron parts.

Contents: Water, sodium borates.

Container sizes: 1 litre, 5 litres, 10 litres, 30 litres, 120 litres and larger.



PNZ-ISOLIERGRUND (PNZ-BARRIER-PRIMER)

against coloured wood and cork components showing through, for interior and exterior, solvent-free water-based, (colourless, transparent)

Properties:

PNZ-ISOLIER-GRUND (PNZ-BARRIER-PRIMER) is a solvent-free, water-based sealant for subsequent coating with PNZ PRODUCTS, especially light coloured coats used for coverage.

PNZ-ISOLIER-GRUND is weatherproof, elastic, moisture regulating primer for all interior and exterior woods as well as cork. PNZ-ISOLIER-GRUND prevents wood and cork components from showing through, especially teak, red cedar, oak, larch and cork as well as pressure treated wood.

Also suitable for sealing nicotine, grease, rust or water patches.

Areas of use:

All load-bearing wood and cork surfaces, chipboards, plaster and masonry. May be coated with PNZ-HOLZ-LASUR lösemittelfrei (PNZ-WOOD-VARNISH solvent-free), PNZ-HOLZ-WACHS (PNZ-WOOD-WAX) or with conventional wall paint or similar.

Usage:

Completely remove dirt and old paints. Wood must be dry, clean and free of grease. If the wood is to be protected against blue mould and rot, this treatment should be carried out beforehand with PNZ-IMPRÄGNIERGRUND (PNZ-IMPREGNATION-PRIMER).

Stir PNZ-ISOLIER-GRUND well before use; apply with a brush or roller.

Some surfaces may require a second coat (test application recommended).

Drying time after the barrier primer coat: 1 - 2 hours.

May be painted over the next day, e.g. with PNZ-HOLZ-LASUR (PNZ-WOOD-VARNISH).

The working temperature should be at least + 8°C.

Coverage: 1 litre is sufficient for approx. 12 m² per coat.

Storage: Dry, cool - but frost-free - and well sealed.

Cleaning: Clean tools with soap and water.

Contents: Water, shellac, colophonium, damar, natural latex, methylcellulose, borax.

Container sizes: 0.75 litres, 2.5 litres, 10 litres, and larger.



PNZ-WECHSELFARBE (PNZ-COLOUR-CHANGE)

Properties:

PNZ-WECHSELFARBE (PNZ-COLOUR-CHANGE) is used to brighten up dark and weathered woods or as a restoring coat to give wood a fresh, shiny, light tint.

PNZ-WECHSELFARBE is a weatherproof, strongly water repellent and environmentally-friendly coat with high UV stability and extreme durability.

Manufactured with natural oils: Solvent-free, non-drip, open-pored, moisture regulating and odourless.

Areas of use:

PNZ-WECHSELFARBE covers dark, weathered wooden surfaces.

A subsequent coat of PNZ-HOLZ-LASUR, lösemittelfrei (PNZ-WOOD-VARNISH, solvent-free) gives the impression of freshly varnished wood.

For all interior and exterior wood, such as windows, shutters, fascia boards, trelliswork, doors, fences, balconies, tongue and groove boards, greenhouses, garage doors as well as beehives.

Usage:

Brush off weathered or dark wood. Thoroughly remove fungi and algae. The surface must be clean, dry, free of grease and sound. Loose coats must be completely removed. Pretreat with PNZ-IMPRÄGNIER-GRUND (PNZ-IMPREGNATION-PRIMER) if there exists the danger of fungus. Apply PNZ-WECHSELFARBE up to three times liberally by brush, roller or spray (also airless). An even, covering coat must be obtained. In case of penetration of wood components or previous oily coats such as carbolineum or similar (where the PNZ-WECHSELFARBE coat may be patchy), PNZ-ISOLIERGRUND (PNZ-BARRIER-PRIMER) should be pre-coated or applied between coats, followed by PNZ-WECHSELFARBE again.

Application temperature should be above +8°C.

Drying time:

Approx. 8-12 hours, to a blocking surface, depending on temperature and humidity.

Dust dry after 1 hour. Recoat after approx. 2-4 hours even in a dry state. The drying time may be prolonged under damp, cold weather conditions or high humidity.

Coverage: 1 litre for approx. 10 m² per coat.

Storage: Cool, but frost-free. Ensure can is well closed.

Cleaning: Clean tools with soap and water immediately after use.

Contents: Purified natural oils, soya and linseed oil, damar, methylcellulose, titan white, iron oxide pigments, zirconium and cobalt soaps.

Container sizes: 0.75 litres, 2.5 litres, 10 litres and larger.



PNZ-TEAKHOLZREINIGER (PNZ-TEAK-CLEANER)

Properties:

PNZ-TEAKHOLZREINIGER (PNZ-TEAK-CLEANER) is an environmentally-friendly cleaning concentrate, specially developed for teak and similar woods, to clean atmospheric soiling, algae formation, greying, grease, oil and other soiling.

Areas of use:

All timber for yachts and boats as well as garden timber.

Usage:

Apply PNZ-TEAKHOLZREINIGER – depending on the degree of soiling – undiluted or max. 1:5 with water on the prewetted wood and allow several minutes to soak in. Finally, brush with a stiff brush or PNZ-CLEANING-FLEECE (PAD) with water until the desired shade has been achieved. Do not allow the cleaner to dry on! Work in sections on large areas. Repeat the process as required. Do not work below 8°C. Finally, rinse well with clear water.

Coverage: Depending on degree of soiling and dilution: 15-75 sqm. per litre.

Storage: Cool and frost-free.

Note:

After using PNZ-TEAKHOLZREINIGER (PNZ-TEAK-CLEANER) and a suitable drying time of approx. 12-24 hrs. you should treat your teak with PNZ-YACHT+GARTENMÖBEL-ÖL, Teaköl (PNZ-YACHT+GARDEN-FURNITURE-OIL, teak oil) to prevent rapid bleaching and new soiling. UBA 26010011

The liquid product should be kept out of reach of children. Keep away from food and feedstuffs. Do not inhale spray. Rinse with clear water if in contact with skin or eyes. We recommend wearing rubber gloves during use.

Contents: Water, anionic tensides, non-ionic tensides, thickener.

Container sizes: 1 litre, 2.5 litres, 10 litres, and larger.



PNZ-GARTENHOLZREINIGER (PNZ-GARDEN-TIMBER-CLEANER)

Properties:

PNZ-GARTENHOLZREINIGER (PNZ-GARDEN-TIMBER-CLEANER) is an environmentally-friendly cleaning concentrate, specially developed for garden timbers, to clean atmospheric soiling, algae build-up, bleaching, grease, oil and other dirt, also from ribbing, cracks and corrugation.

Areas of use:

All garden timbers, including plastic furniture.

Instructions for use:

Apply PNZ-GARTENHOLZREINIGER – depending on the degree of soiling – undiluted or max. 1:10 with water on the prewetted wood and allow several minutes to soak in. Then brush with a stiff brush or PNZ-REINIGUNGSVLIES (PNZ-CLEANING-FLEECE) with water. Do not allow the cleaner to dry on! Work in sections on large areas. Repeat the process as required. Do not work below 8°C. Finally, rinse well with clear water.

Coverage: Depending on degree of soiling and dilution: 15-75 sqm. per litre.

Storage: Cool and frost-free.

Contents: Water, anionic tensides, non-ionic tensides, thickener.

Note:

After applying PNZ-GARTENHOLZREINIGER and 12–24 hours sufficient drying time, you should treat your timber with PNZ products, e.g. PNZ-GARTENHOLZPFLEGEÖLEN (PNZ-GARDEN-TIMBER-CARE-OILS), PNZ-HOLZ-LASUR (PNZ-WOOD-VARNISH), PNZ-HOLZ-WACHS (PNZ-WOOD-WAX) etc. to prevent rapid greying and weathering and to prevent new soiling.

UBA 26010015. Keep out of reach of children. Keep away from food and feedstuffs. Do not inhale spray. Rinse with clear water if in contact with skin or eyes. We recommend wearing rubber gloves during use.

Container sizes: 1 litres, 2.5 litres, 10 litres and larger.



PNZ- TERRASSEN- & GRABSTEIN-REINIGER

(PNZ PATIO AND GRAVESTONE CLEANER)

Properties:

PNZ-TERRASSEN- & GRABSTEIN-REINIGER (PNZ-PATIO- & GRAVESTONE-CLEANER) is an environmentally-friendly concentrated cleaner for all types of stonework in the garden, on the patio and for gravestones to clean moss, algae, atmospheric pollution, fat, oil and other soiling.

Areas of use:

Natural and synthetic stone, driveways, patios, washed-out concrete, garden paths, gravestones etc.

Usage:

Test PNZ-TERRASSEN- & GRABSTEIN-REINIGER for colourfastness and material compatibility on an inconspicuous area. Apply PNZ-TERRASSEN- & GRABSTEIN-REINIGER undiluted or diluted to a maximum of 1:10 on the pre-wetted surface and allow to penetrate for approx. 1-3 minutes. Finally rinse well with copious water with a scrubbing brush, cleaning fleece or high-pressure jet. Avoid intense sunlight during treatment. Do not allow the cleaner to dry on. Work in sections on large areas. Repeat if necessary until the desired effect has been achieved. Do not apply under 8°C.

Coverage: Dependent on soiling and dilution: 10 - 30 m² per litre

Storage: Cool and frost-free.

Contents: Water, anionic tensides, non-ionic tensides, thickener.

Note:

After using PNZ-TERRASSEN- & GRABSTEIN-REINIGER and drying well for 12-24 hours, we recommend treatment with PNZ-TERRASSEN- & GRABSTEIN-IMPRÄGNIERUNG (PNZ-PATIO- & GRAVESTONE-IMPREGNATION) to protect against the rapid onset of new soiling, moss and algae. Penetration of effluent water is largely prevented. Also effective against blistering and frost damage.

UBA: 26010020

Hazardous substance information system code: GG10

Container sizes: 0.5 litre spray bottle, 1.0 litre refill canister, 2.5 litres, 10 litres and larger.



PNZ-HOLZSCHUTZ-LASUR (PNZ-WOOD-PROTECTION-VARNISH)

Properties:

PNZ-HOLZSCHUTZ-LASUR (PNZ-WOOD-PROTECTION-VARNISH) is a transparent, water repellent, open-pored, UV-proof exterior wood coating with preventative protection against mould fungus and blue mould, according to EN 152. Excellent conserving weather protection with good penetration properties, odourless and easy to use.

Areas of use:

For all exterior timbers subject to climatic weathering, such as log cabins, fascia boards, fences, balcony panelling, windows, garden sheds, wooden grates, garage doors, palisades etc.

Usage:

As a fresh application, brush or roll on 2-3 times, can also be applied mechanically (e.g. with a PNZ Applicator) or dipped. Wood must be clean, grease and frost-free and dry (max. wood moisture 18%). Stir contents well, apply 1st coat on all sides before assembly if possible, allow at least 12 hours drying time, then a second or even a third coat over the visible area as described. Renovation application: Remove old coats if unsound. Clean sound and supporting surfaces and apply PNZ-HOLZSCHUTZ-LASUR 1-2 times as described. Application temperature should be above 8°C.

Coverage: 1 litre for approx. 15 m² per coat, depending on whether the wood is smooth or rough sawn.

Storage: Cool and frost-free, reseal opened containers firmly.

Cleaning: Clean tools with PNZ Special Thinner or white spirit.

Colours: All colours may be mixed with one another.

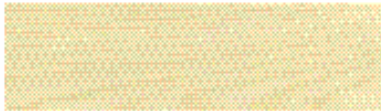
Note:

Only for exterior use. When using several containers with different lot numbers, they should be mixed together in a large container!

Contents: Dearomatised hydrocarbons, alkyd resin based on natural oils, active compounds, pigments, dryer additives

Container sizes: 0.75 litres, 2.5 litres, 10 litres, 30 litres and larger.

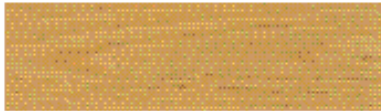
HOLZSCHUTZ-LASUR



Nr. 1 farbbis



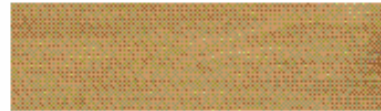
Nr. 2 weiß



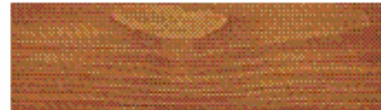
Nr. 3 kiefer



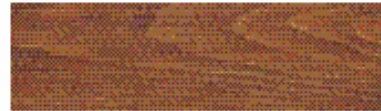
Nr. 4 zeder



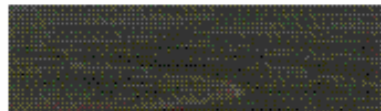
Nr. 5 eiche



Nr. 6 laak



Nr. 7 palisander



Nr. 8 rustikal



PNZ-COLOR-ÖL (PNZ-COLOUR-OIL)

**Painting of permanent protection
for inside and outside - solvent-free
poison-class-free dyed wood oil on nature basis**

Characteristics:

The dyed PNZ COLOUR OIL is used after decades old traditional prescriptions with outstanding depth impregnation for colour for all wood. Simultaneous dyeing and oiling facilitates the processing step, is usually sufficient a painting. Well compatibly to the renovation for all caked-on Alta lines, double productivity opposite conventional glazes. Outstanding cross-linking characteristics and clearly longer durability by nano-particles, therefore high UV protection, drip-restrained, flexibly and humidity-adjusting. Tear -, pouring and decrease behaviour are decreased.

Areas of use:

Premium painting for the refinement of domestic and exotic woods with new and renovation work. For inside and outside. Solvent-freely on oil basis. For all woods, like windows, window shops, cladding carpeting, framework, doors, fences, profiled wood, balconies, garage gates, furniture, cork, floors and summer-houses. Also for apiary, stables and as toy colour suitably. Outstanding painting of renovation. After drying process food-genuinly.

Usage:

Capers, squirt or roll. The wood must be grease-free cleanly, drying (under 18%) and. Old, still basic painting can be re-painted over usually. Pre-treat during mushroom endangerment with PNZ-BARRIEPRIMER or PNZ BORON IMPREGNATION. PNZ COLOR OIL well stir up, (processing temperature over +8°C). In order to obtain an optimum durability and a UV protection, 1 - 2 painting should be made. Inside 1 painting. Use colourless only in connection with coloured painting for outside, since colourless offers no sufficient UV protection. In the box the oil is milky, dries however in the indicated colour up. All colours are among themselves mixable. With bright painting colour copies of wood contents materials (also with impregnated wood) can occur. Such copies can be isolated with PNZ-BARRIERPRIMER for wood and cork (e.g. oak, larch, zeder, Teak, OSB plates, etc.). In the floor board area a colourless painting with PNZ COLOR OIL nature, PNZ HARD-WAX-OIL, PNZ-FLOOR-VARNISH, etc. should be used for the abrasion protection of the pigments after the coloured surface. Affects the different surfaces differently. Test paint coat is absolutely necessary therefore.

Drying time:

6 - 24 hours, verb lure-free depending upon temperature and air humidity. After dust drying approx.. 1 hour. Overlineable also in the dried condition after 2 - 6 hours. In wet-cold weather the drying time can retard.

Coverage:

1 Litre for approximately 20 m² per coat and more. These specifications are intended as guidelines. The precise amount depends on the wood type and colour intensity and must be ascertained by testing.

Storage: Cool and frost-free, seal can tightly.

Cleaning: Clean tools with soapy water or PNZ-SPEZIALVERDÜNNUNG (PNZ-SPECIAL-THINNER).

Note:

The usage of several bundles with different batch numbers do mix these in a larger case! Agitate forwards and during the use contents well.



PNZ-COLOR-ÖL (PNZ-COLOUR-OIL)

Colours:

1 colourless, 2 chalk white, 3 larch, 4 dark oak, 5 meranti/teak, 6 merbau, 7 bamboo/limba, 8 light oak, 9 rape yellow, 10 poppy red, 11 graphite black, 12 petrol blue, 13 silver grey, 14 pastel green, 15 crystal blue. All colours may be mixed with each other. Covering tones can be converted by addition from colourless into translucent tones.

Contents:

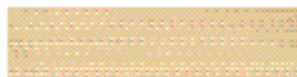
Enhanced nature oils, like tungreeoil, wood -, thistle -, soy bean- and sun flower oil, Damar, Aqua, (with coloured oil: Ferric oxide pigments, titanium white, organic pigments, for the food sector freely given), zirconium and cobalt soaps.

Certification:

GGVS and Vbf are void. Poison-class-freely, DIN 53160-Teil C/EN 71 solvent-freely. With difficulty inflammable after tl A - 053, behaviour in case of fire according to DIN 4102, class B2. UBA 26010024.

Sizes:

0.75 litre, 2.5 litre, 10 litre, and larger



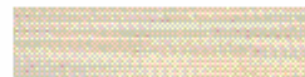
Nr. 1 farblos



Nr. 5 meranti-teak



Nr. 9 rapsgelb



Nr. 13 silbergrau



Nr. 2 kalkweiß



Nr. 6 merbau



Nr. 10 mohnrot



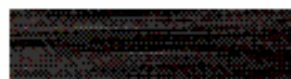
Nr. 14 pastellgrün



Nr. 3 lärche



Nr. 7 bambusgelb-limba



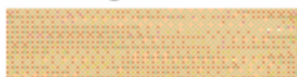
Nr. 11 graphitschwarz



Nr. 15 kristallblau



Nr. 4 eiche dunkel



Nr. 8 eiche hell



Nr. 12 petrolblau



PNZ-HOLZ-LASUR (PNZ-WOOD-VARNISH)

solvent-free, for inside and out, water-based, non-classified toxicity (DIN 53160 / EN 71)

Properties:

PNZ-HOLZ-LASUR (PNZ-WOOD-VARNISH) is a weatherproof, strongly water repellent and environmentally-friendly coat with high UV stability and extreme durability. Based on natural oils, solvent-free, drop suppressant, open-pored, moisture regulating and odourless. PNZ-HOLZ-LASUR is available as a clear and covering coat.

Areas of use:

For all interior and exterior wood, such as windows, shutters, fascia boards, trelliswork, doors, fences, tongue and groove boards, balconies, garage doors, garden furniture and greenhouses. Also suitable for beehives, stables and as toy paint. Excellent renovating coat.

Usage:

Brush, roll or spray. Wood must be clean, dry (under 18%) and free of grease. Old, stable coats may usually be covered.

Pretreat with PNZ-IMPRÄGNIER-GRUND (PNZ-IMPREGNATION-PRIMER) if there exists the danger of fungus.

Stir PNZ-HOLZ-LASUR well (working temperature above + 8°C). To achieve the best possible durability and UV protection, 2-3 coats should be applied; interior 1-2 coats. Only use colourless together with a coloured coat for exterior applications, as colourless does not offer adequate UV protection.

Varnish is milky in the can, but dries to the stated colour.

All colours may be mixed with each other. On light coats, protrusion of colour from wood components (also from impregnated wood) may appear. These patches of penetration can be isolated on wood and cork (e.g. oak, larch, cedar, teak etc.) using PNZ-ISOLIER-GRUND (PNZ-BARRIER-PRIMER). It has different effects on different surfaces. Trial coats are therefore essential.

Drying time:

8-12 hours, to a blocking surface, depending on temperature and humidity.

Dust dry after approx. 1 hour. May also be reapplied when dry after 3-5 hours. The drying time may be prolonged under damp weather conditions.

Coverage:

For a varnish coat: 1 litre for approx. 15 m² per coat

For a covering coat: 1 litre for approx. 12 m² per coat

Storage: Cool, but frost-free, seal can tightly.

Cleaning: Clean tools with soap and water immediately after use. See colour chart.

Colours: 20 attractive colours

Note:

When using several containers with different lot numbers, they should be mixed together in a large container!



PNZ-HOLZ-LASUR (PNZ-WOOD-VARNISH)

Contents:

Enhancing natural oils, soya and linseed oil, water, damar, methylcellulose, (in coloured varnish: iron oxide pigments, titan white), zirconium and cobalt soaps.

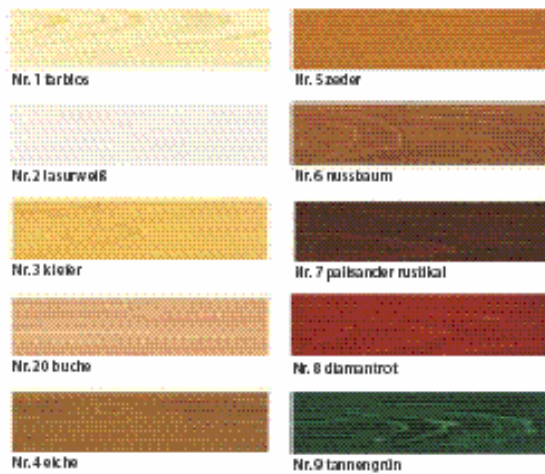
Certification:

GGVS (German law on the transport of dangerous goods by road) and VbF (German regulations on combustible liquids) do not apply. German regulations on industrial substances do not apply.

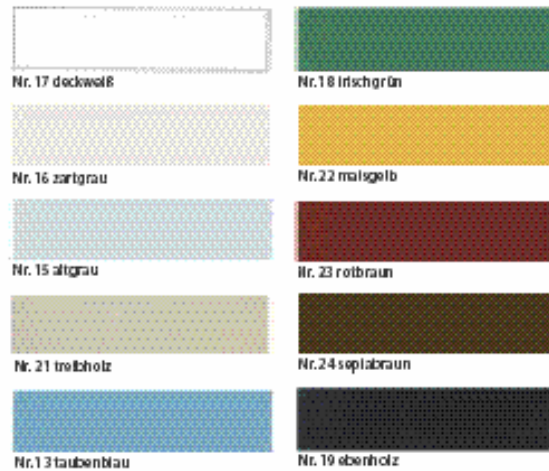
Container sizes:

0.25 litres, 0.75 litres, 2.5 litres, 10 litres, 30 litres and larger.

Lasierende Farbtöne



Deckende Farbtöne





PNZ-HOLZ-WACHS W (PNZ-WOOD-WAX W)

solvent free

Properties:

PNZ-HOLZ-WACHS W (PNZ-WOOD-WAX W) is strongly water repellent. The coat is open-pored and vapour permeable. Coloured PNZ-HOLZ-WACHS W protects wood from greying through use of the best pigments. Coloured PNZ-HOLZ-WACHS W applied at least twice produces a very weatherproof, satin, water repellent and environmentally-friendly coat, which is very slow to decay. PNZ-HOLZ-WACHS W is also extremely well suited to retreat strongly weathered wood surfaces. Colourless PNZ-HOLZ-WACHS W is used externally to maintain pressure impregnated wooden items, such as garden furniture or wooden toys. PNZ-HOLZ-WACHS W is insensitive to beer, wine, fruit juice and water.

D: Safe after coat has dried, certified for colourfastness when exposed to perspiration and saliva acc. to DIN 53160. EN 71, toy safety.

CH: Tested and approved by the Swiss federal office for public health and the environment BAT T No. 82797, toxicity class: safe

Areas of use:

For the protection and enhancement of domestic and exotic timbers both interior and exterior as well as varnished woods. PNZ-HOLZ-WACHS W is suitable for fascia boards, windows, shutters, garden sheds, garage doors, trelliswork, garden furniture, balconies etc., wood composites, plywood, tongue and groove boards, wainscoting, furniture, cork, floorboards, shelving etc. Also for damp rooms such as bathrooms and kitchens as well as heavily used surfaces, for example doors and furniture.

Usage:

Apply coloured PNZ-HOLZ-WACHS W to all sides by brush or spraying and dipping techniques. Spread evenly with a nearly dry brush after approx. 5 -10 min. drying time. A second or possibly third treatment of the visible area is to be undertaken, as described, after a drying time of at least 12 hours. Treatment of all sides is recommended in damp rooms. If a rich surface is required, treat as with exterior wood. Remove all oil paints, thick coat systems and all pore-closing old coats by sanding, stripping or burning. The surface must be sound, porous, clean and free of dust. Clean open-pored coats, sanding if required. Apply coats as previously described.

Application temperature should be above 8°C, wood moisture under 18%.

It has different effects on different surfaces. Trial coats are therefore essential.

Coverage:

1 litre for approx. 15 m² for the first coat. Dependent on the wood type and surface (rough sawn or planed wood).

Storage:

Cool, but frost-free. Ensure can is well closed.

Cleaning:

Clean tools with soapy water, or PNZ-SPEZIALVERDÜNNUNG (PNZ-SPECIAL-THINNER).

Colours:

All colours may be mixed with each other. If other colours are required, PNZ-HOLZ-WACHS W, also the colourless version, can be coloured with universal colouring pastes.



PNZ-HOLZ-WACHS-W (PNZ-WOOD-WAX W)

Note:

HOLZ-WACHS-W and HOLZ-WACHS-L must not mixed with each other!

When using several containers with different lot numbers, they should be mixed together in a large container!

Contents: water. Wax dispersion, purified natural oils, lead-free dryer additives. Odourless after drying.
Contains no toxic substances.

Container sizes: 0.75 litres, 2.5 litres, 10 litres, 30 litres and larger.



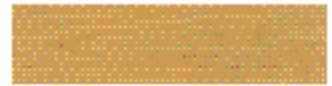
Nr. 1 Erbbis



Nr. 3 zeder



Nr. 5 nussbaum



Nr. 7 kiefer



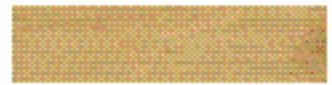
Nr. 2 antikweiß



Nr. 4 eiche mittel / hemlock



Nr. 6 rustikal



Nr. 8 eiche hell



PNZ-HOLZ-WACHS L (PNZ-WOOD-WAX L)

Properties:

PNZ-HOLZ-WACHS L (PNZ-WOOD-WAX L) is strongly water repellent. The coat is open-pored and vapour permeable. Coloured PNZ-HOLZ-WACHS L protects wood from greying through use of the best pigments. Coloured PNZ-HOLZ-WACHS L applied at least twice produces a very weatherproof, satin, water repellent and environmentally-friendly coat, which is very slow to decay. PNZ-HOLZ-WACHS L is also extremely well suited to retreat strongly weathered wood surfaces. Colourless PNZ-HOLZ-WACHS L is used externally to maintain pressure impregnated wooden items, such as garden furniture or wooden toys. PNZ-HOLZ-WACHS L is insensitive to beer, wine, fruit juice and water.

D: Safe after coat has dried, certified for colourfastness when exposed to perspiration and saliva acc. to DIN 53160. EN 71, toy safety.

CH: Tested and approved by the Swiss federal office for public health and the environment BAT T No. 82797, toxicity class: safe

Areas of use:

For the protection and enhancement of domestic and exotic timbers both interior and exterior as well as varnished woods. PNZ-HOLZ-WACHS L is suitable for fascia boards, windows, shutters, garden sheds, garage doors, trelliswork, garden furniture, balconies etc., wood composites, plywood, tongue and groove boards, wainscoting, furniture, cork, floorboards, shelving etc. Also for damp rooms such as bathrooms and kitchens as well as heavily used surfaces, for example doors and furniture.

Usage:

Apply coloured PNZ-HOLZ-WACHS L to all sides by brush or spraying and dipping techniques. Spread evenly with a nearly dry brush after approx. 5 -10 min. drying time. A second or possibly third treatment of the visible area is to be undertaken, as described, after a drying time of at least 12 hours. Treatment of all sides is recommended in damp rooms. If a rich surface is required, treat as with exterior wood. Remove all oil paints, thick coat systems and all pore-closing old coats by sanding, stripping or burning. The surface must be sound, porous, clean and free of dust. Clean open-pored coats, sanding if required. Apply coats as previously described.

Application temperature should be above 8°C, wood moisture under 18%.

It has different effects on different surfaces. Trial coats are therefore essential.

Coverage:

1 litre for approx. 15 m² for the first coat. Dependent on the wood type and surface (rough sawn or planed wood).

Storage:

Cool, but frost-free. Ensure can is well closed.

Cleaning:

Clean tools with soapy water, or PNZ-SPEZIALVERDÜNNUNG (PNZ-SPECIAL-THINNER).

Colours:

All colours may be mixed with each other. If other colours are required, PNZ-HOLZ-WACHS, also the colourless version, can be coloured with universal colouring pastes.



PNZ-HOLZ-WACHS- L (PNZ-WOOD-WAX L)

Note:

HOLZ-WACHS-W and HOLZ-WACHS-L must not mixed with each other!

When using several containers with different lot numbers, they should be mixed together in a large container!

Contents: isoaliphates; wax dispersion, purified natural oils, lead-free dryer additives. Odourless after drying.
Contains no toxic substances.

Container sizes: 0.75 litres, 2.5 litres, 10 litres, 30 litres and larger.



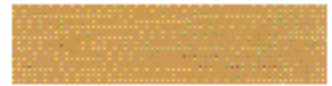
Nr. 1 Erbsen



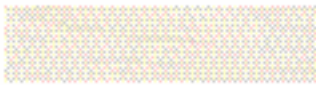
Nr. 3 zeder



Nr. 5 nussbaum



Nr. 7 kiefer



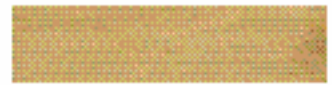
Nr. 2 antikweiß



Nr. 4 eiche mittel / hemlock



Nr. 6 rustikal



Nr. 8 eiche hell



PNZ-AUSSENÖL (PNZ-EXTERIOR-OIL)

Natural wood protection – non-classified toxicity (DIN 53160/ EN 71)

Properties:

Coloured PNZ-AUSSENÖL (PNZ-EXTERIOR-OIL) is manufactured according to a centuries old recipe and is used for exterior timbers for protection against extreme climatic conditions as a result of its non-film forming surface and excellent deep impregnation. In contrast to layer-forming coating systems, this ecologically safe material, PNZ-AUSSENÖL, sets in the capillaries of the wood like a naturally protecting bark and forms a strongly water repellent weather and UV-proof surface, which is very slow to decay as well as generally preventing swelling, shrinking and cracking.

Areas of use:

To protect and enhance domestic and exotic timbers in new or restorative applications, fascia boards, windows, shutters, doors, garden sheds, garage doors, trelliswork, garden furniture, balconies, fences, wooden toys, tongue and groove boards. To protect against blue mould and rot, we recommend pretreatment with PNZ Impregnation Primer.

Usage:

Apply coloured PNZ-AUSSENÖL to all sides by brush, with a spray or dipping technique onto clean, dry frost-free wood. Spread evenly with a nearly dry brush after approx. 5 – 10 min. drying time. A second or possibly third treatment of the visible area is to be undertaken as described after a drying time of at least 12 hours. Wood moisture not under 18%. Remove all oil paints, thick layer systems, and all pore-closing old coats by sanding, stripping or burning. The surface must be sound, porous, clean and free of dust. Clean open-pored coats, sanding if required. Apply coats as previously described. In order to achieve greater durability and frictional stability, we recommend PNZ-AUSSENÖL Natural as a final coat following application of pigmented PNZ-AUSSENÖL. Application temperature should be above 8°C.

It has different effects on different surfaces. Trial coats are therefore essential.

Coverage:

1 litre for approx. 15 m² for the first coat, dependent of the wood type and surface (rough sawn or planed wood).

Storage: Cool, but frost-free. Ensure can is well closed.

Cleaning: Clean tools with soapy water or PNZ Special Thinner.

Colours:

No. 1 Natural (not only for exteriors), No. 2 Opal white, No. 3 Larch,
No. 4 Cherry tree / horse chestnut, No. 5 Cembra / pine, No. 6 Oak / olive.
All colours may be mixed with each other.

Note:

When using several containers with different lot numbers, they should be mixed together in a large container!



PNZ-AUSSENÖL (PNZ-EXTERIOR-OIL)

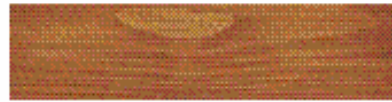
Contents:

Purified natural oils, such as linseed, sunflower oil, oilseed rape from controlled Bavarian cultivation, safflower oil, tree resin, cembra oil, isoaliphates, calcium soap, cobalt soap, iron oxide pigments and titanium white. Odourless after drying. Contains no toxic substances.

Container sizes: 0.75 litres, 2.5 litres, 10 litres, 30 litres and larger.



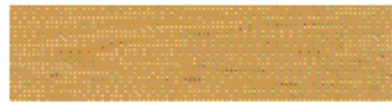
Nr. 1 natur



Nr. 4 kirschbaum/kastanie



Nr. 2 opalweiß



Nr. 5 ströbel/pinto



Nr. 3 firsche



Nr. 6 eiche/olive



PNZ-DOUGLASIEN-TERRASSEN-ÖL (PNZ-DOUGLAS FIR DECK & PATIO OIL)

VOC-free, toxic-free

Properties:

PNZ-DOUGLAS FIR DECK & PATIO OIL is an oil-emulsion for the protection and care of wooden decks made of Douglas-fir wood, larch wood, hardwood or exotic wood. PNZ-DOUGLAS FIR DECK & PATIO OIL is a preservative made of natural emulsified oils matched to these specific types of wood.

PNZ-DOUGLAS FIR DECK & PATIO OIL has a milky appearance when liquid and gets its natural brown shade when dried. The natural oil-emulsion provides a surface that is strongly water-repellent, weather- and UV-resistant. The surface is durable, degrades very slowly and provides long-term protection against greying. PNZ-DOUGLAS FIR DECK & PATIO OIL is non-hazardous after drying according to DIN EN 71/3 (safety of children toys) and DIN 53160) (reaction to saliva and sweat).

Areas of use:

For the protection and care of wooden decks and timber claddings, pergolas, garden furniture, fences, carports, balconies, greenhouses etc.

Application:

1. Surface has to be clean, free of grease and dirt.
Oily and resinous wood: neutralize with PNZ-TEAK-Cleaner.
2. Apply on dry wood (moisture 18% or less). Temperature more than + 8°C (45 °F).
3. Apply twice, on cross-grained wood till it is saturated.
4. Can be reapplied after 3-6 hours.
5. Drying time 8-12 hours dependent on weather conditions; may be longer when damp.
6. Recoat with PNZ-DOUGLAS FIR DECK & PATIO OIL.
7. Recoating dependent on weather and climate exposure.
Recoat when cracks are visible.

Coverage:

Planed wood: approx. 8 m² / l (per coat).

Milled wood, profiled wood: approx. 4-6 m² / l (per coat).

Less usage: durability not guaranteed.

Storage:

Keep cool, frost-free. 3 years of storage when unopened. Once opened decant in appropriate air-tight containers; use up soon.

Cleaning: Clean tools with water and soap.

Note:

Trial coats necessary. When using several containers with different lot numbers: mix them together in one large container. Stir before and while use. Mechanical application: do not inhale vapour. Keep away from children. Allergic reaction possible.

Regulations Germany/EU: ASN-Nr. 120112. EU-limit (A/e) 150 g/l (2007) / 130 g/l (2013) / Contains 1 g/l VOC max. Disposal Germany/EU: Giscode GU40. Recycle containers when completely empty. Domestic or building waste when dried. Local collecting point when liquid.

Contents:

Natural oils, water, emulsifiers, lead-free dryers, ironoxide pigments, nanoscale mineral and natural additives. Contains no toxics.

Container sizes:

1 Liter, 2,5 Liter, 5 Liter, 10 Liter and larger



PNZ-GARTENHOLZPFLEGE-ÖL (PNZ-GARDEN-TIMBER-CARE-OIL)

for beautiful, weatherproof wood – salt green – garden brown

Properties:

PNZ-GARTENHOLZ-PFLEGE-ÖL (PNZ-GARDEN-TIMBER-CARE-OIL) is a water-based solvent-free oil emulsion.

PNZ-GARTENHOLZ-PFLEGE-ÖL prevents greying of impregnated woods and is especially well suited for freshening the colour of pressure impregnated woods and garden furniture.

The simplest way to protect your wood!

- simple to use
- open pored - moisture-regulating - high UV protection
- non-certified
- non-flammable, solvent-free
- brushes cleaned with soap and water

Areas of use:

To protect and care for garden furniture, fences, carports, pergolas, plant pots, greenhouses, sandpits etc.

Usage:

Wood must be clean and free of grease and dust. Remove algae and soiling with PNZ-GARTENHOLZREINIGER (PNZ Garden Timber Cleaner). For non-impregnated wood we recommend pretreatment with PNZ-IMPRÄGNIER-GRUND W (PNZ-IMPREGNATION-PRIMER W).

Apply PNZ-GARTENHOLZ-PFLEGE-ÖL twice. Working temperature not under 8°C. May also be reapplied in a dry state after approx. 3 -6 hours.

Drying time: 8 -12 hours. The drying time may be prolonged under cold damp weather conditions.

If subsequently treated, PNZ-GARTENHOLZ-PFLEGE-ÖL should only be covered with the same product.

It has different effects on different surfaces. Trial coats are therefore essential.

Coverage:

for planed timber: 1 litre for approx. 12-15 m² per coat.

for rough timber: 1 litre for approx. 8 -10 m² per coat .

Storage: Cool, but frost-free. Ensure can is well closed.

Cleaning: Clean tools with soap and water immediately after use.

Colours: Salt green, garden brown.

Note:

When using several containers with different lot numbers, they should be mixed together in a large container!

Contents: Purified, emulsified natural oils, wax emulsion, iron oxide pigments, calcium and cobalt soaps.

Container sizes: 0.75 litres, 2.5 litres, 10 litres, 30 litres and larger.



PNZ-BANGKIRAI-ÖL (PNZ-BANGKIRAI-OIL)

For exotic woods – naturally tinted

Properties:

PNZ-BANGKIRAI-ÖL (PNZ-BANGKIRAI-OIL) for exotic woods is natural wood care comprising tough, weatherable oils and microfine pigments, which effectively block UV rays and protect wood from decay. PNZ-BANGKIRAI-ÖL is odourless after drying. Contains no toxic substances.

Areas of use:

Professional abrasion resistant care for the protection of your quality woods in the garden, for example terrace flooring, decking, carports, garden furniture, screens etc. For exotic woods, such as bangkirai, iroko, mahogany, meranti, nyatoh, robbles, jarrah, belinga, as well as for Douglas fir, robinia, oak, larch and cedar.

Usage:

The surface must be clean and free of dust. Algae, grease, dirt or other soiling should be removed with PNZ-GARTENHOLZREINIGER (PNZ-GARDEN-TIMBER-CLEANER).

Apply PNZ-BANGKIRAI-ÖL for exotic woods on the bare, untreated surface.

Natural surfaces:

Apply twice or three times with the appropriate drying period of approx. 12 hours; the wood is now weatherproof. Ideal for decking and garden furniture. PNZ-BANGKIRAI-ÖL for exotic woods gives rise to a satin mat surface. A test application is recommended. Working temperature +8°C.

For aftercare, PNZ-BANGKIRAI-ÖL can also be applied over all conventional coats assuming it is supported by the surface. Sand off non-supporting surfaces. Apply coatings as previously described.

It has different effects on different surfaces. Trial coats are therefore essential.

Storage: Cool, but frost-free. Ensure can is well closed.

Cleaning: Clean tools and brushes with PNZ-SPECIAL-THINNER, do not allow to dry on.

Coverage: 1 litre is sufficient for approx. 20 m² per coat.

Note:

PNZ-BANGKIRAI-ÖL for exotic woods is environmentally-friendly; it should nevertheless be kept out of children's hands. It must not be allowed to escape into the sewage system or in flowing water. In case of contact with the skin, rinse immediately with clear water. Shake well or stir. VbF (German regulations on combustible liquids): A III.

Contents: Dearomatised hydrocarbons, purified natural oils, cobalt and calcium soaps, pigments.

Container sizes: 0.75 litres, 2.5 litres, 10 litres, 30 litres and larger.



PNZ-LÄRCHEN- UND ZEDERN-ÖL (PNZ-LARCH+CEDAR-OIL, colourless)

Properties:

PNZ-LÄRCHEN+ZEDERN-ÖL (PNZ-LARCH+CEDAR-OIL) is an oil emulsion for the protection and care of interior and exterior larch and cedar woods.

PNZ-LÄRCHEN+ZEDERN-ÖL is a pure wood tonic, manufactured from natural, emulsified oils, matched to these special types of wood.

PNZ-LÄRCHEN+ZEDERN-ÖL is weatherproof with good UV stability, solvent-free and open-pored.

PNZ-LÄRCHEN+ZEDERN-ÖL is milky as a liquid, but dries colourless.

The simplest way to weatherproof your wood!

- simple to use
- open pored - moisture-regulating - high UV protection
- non-certified
- non-flammable, ecological
- brushes cleaned with soap and water

Areas of use:

To protect and care for pergolas, fences, carports, log cabins and greenhouses as well as garden furniture and in all other areas in which larch and cedar are used. Abrasion resistance on terrace floors is not guaranteed.

Usage:

Pretreat with PNZ Impregnation Primer if there exists the danger of fungus. Remove soiling with PNZ-GARTENHOLZREINIGER (PNZ-GARDEN-TIMBER-CLEANER). Apply PNZ-LÄRCHEN+ZEDERN-ÖL on the wood. The surface must be clean and free of grease and dust. Working temperature not under 8°C.

Apply PNZ-LÄRCHEN+ZEDERN-ÖL liberally twice or three times, cross-grained wood parts should be coated to saturation. May also be reapplied when dry after approx. 3-6 hours. Drying time: 8–12 hours. The drying time may be prolonged under damp weather conditions. If subsequently treated, PNZ-LÄRCHEN+ZEDERN-ÖL should only be covered with PNZ products. The surface should be refreshed as required. If a coloured coat is required, PNZ-HOLZ-LASUR (PNZ-WOOD-VARNISH) can be used before and PNZ-LÄRCHEN+ZEDERN-ÖL afterwards, which significantly increases UV protection. If, at a later time, a coloured surface is required, PNZ-LÄRCHEN+ZEDERN-ÖL, also with PNZ-HOLZ-LASUR (PNZ-WOOD-VARNISH) or PNZ-HOLZ-WACHS (PNZ-WOOD-WAX), can be applied.

It has different effects on different surfaces. Trial coats are therefore essential.

Coverage:

1 litre for approx. 10 m² per coat for planed wood.

1 litre for approx. 6-8 m² per coat for rough woods.

Storage: cool and frost-free. Ensure can is well closed.

Cleaning: Clean tools with soap and water immediately after use.

Colours: colourless

Note:

When using several containers with different lot numbers, they should be mixed together in a large container!

Contents: Enhancing natural oils, water and natural emulsifier.

Container sizes: 0.75 litres, 2.5 litres, 10 litres, 30 litres and larger



PNZ-YACHT- und GARTENMÖBELÖL

(PNZ-YACHT+GARDEN-FURNITURE-OIL, Teak oil)

for beautiful, weatherproof wood (teak coloured) inside and outside

Properties:

PNZ-YACHT+GARTENMÖBEL-ÖL, Teak oil (PNZ-YACHT+GARDEN-FURNITURE-OIL, Teak oil) is a natural wood preservative made of resilient, microfine, weather-resistant, water-soluble resins. Contains pigments, which effectively block UV rays and protect wood from damage.

The simple way to protect your wood!

- simple to use
- microfine - open pored - moisture-regulating - high UV protection
- non-certified
- non-flammable, ecological
- brushes cleaned with soap and water

Areas of use:

All timber for yachts and boats as well as garden furniture. Especially suited for red cedar, teak and other exotic timbers.

Usage:

Apply PNZ-YACHT+GARTENMÖBEL-ÖL, Teak oil on the smooth, untreated wood.

The surface must be clean and free of dust. It is not necessary to sand off greyed wood beforehand. Algae or other soiling should be removed with PNZ-TEAKHOLZREINIGER (PNZ-TEAK-CLEANER). Natural surfaces:

Apply one or two coats; the wood is now weatherproof. Ideal for ship decks and garden furniture. PNZ-YACHT+GARTENMÖBEL-ÖL, Teak oil is non-slip and prevents the build-up of algae and moss. Satin matt surface. A test application is recommended. PNZ-YACHT+GARTENMÖBEL-ÖL, Teak oil is applied wet-on-wet to achieve good wood saturation. Application temperature +8°C.

It has different effects on different surfaces. Trial coats are therefore essential.

Coverage: 1 litre for approx. 15 m² per coat.

Storage: Cool and frost-free.

Cleaning: Clean tools and brushes with soap and water; do not allow to dry on. Protect from frost.

Note:

PNZ-YACHT+GARTENMÖBEL-ÖL, Teak oil is environmentally friendly, but should still not find its way into children's hands. It must not be released into sewage or watercourses. In case of eye contact, rinse immediately with cold water. Non-flammable. Safe for air transportation. **Shake or stir well.** When using several containers with different lot numbers, they should be mixed together in a large container!

Contents: Enhancing natural oils, water and natural emulsifier.

Container sizes: 0.5 litres, 2.5 litres, 10 litres, and larger.



PNZ-WASSERBLOCKER (PNZ-WATER-BLOCKER)
Wood impregnation on nano-basis
poison class-free, solvent-free for inside and outside

Characteristics:

PNZ-Water-Blocker wood impregnation is a solvent-free natural UV-stable, long lasting water stop based on nano-technology. Rain, wetness, snow, ice and humidity can no more penetrate into the wood. The outstanding beads off and Lotus effect stop breathe-actively the moisture penetration and are absolute water-rejecting.

Range of application:

PNZ-Water-Blocker protects very long lasting, invisibly all untreated, impregnated, glazed, waxed, oiled and painted woods in the interior and external area against moisture penetration and water absorption. Garden furniture, fronts, balconies, fences, doors, window, gates, bar, covers, toy etc. are invisibly impregnated, without lengthy pre-working. No exfoliation, quite insensitively to wine, beer, coffee, etc. in accordance with DIN 68861-1C. Also for cork surfaces suitably.

BRD: without hesitation after dried painting DIN 53160, saliva and sweat authenticity, as well as EN71 security of toy

Processing:

PNZ-Water-Blocker solvent-free on the clean dry wood or cork surface generally with brush, role or in the squirting and dipping process lay on. Examine old coats for firmness. Surplus material on not absorbent underground remove after approx. 30 minutes. Can affect different surfaces differently! Test paint coat accomplish! Processing temperature not under 8°C.

Drying time:

approx. 6-12 hours, depending upon weather, absorbency, air humidity and temperature. Can be re-painted over with all PNZ products.

Consumption: Depending upon wood and surface (planed or saw rough) approx. 10-12m² per liter.

Storage: Coolly however frost-protected store, container well lock

Cleaning: Implements clean with warm water and soap

Contents materials: Natural waxes and oils, dismineralized water

Identification: identification-freely, GGVS and VbF are void.

Sizes: 0,75 liter, 2,5 litre and larger



PNZ-TERRASSEN- & GRABSTEIN-IMPRÄGNIERUNG

(PNZ-PATIO-AND-GRAVESTONE-IMPREGNATION)

Properties:

Colourless universal impregnation for protection against moss, algae, lichen. Penetration of dirt, oils and fats significantly reduced as a result.

Areas of use:

PNZ-TERRASSEN- & GRABSTEIN-IMPRÄGNIERUNG (PNZ-PATIO- & -GRAVESTONE-IMPREGNATION) to impregnate porous, mineral surfaces, such as washed-out concrete, natural and artificial stone, brick masonry, hard stone, stone stairs and gravestones.

Usage:

Test PNZ-TERRASSEN- & GRABSTEIN-IMPRÄGNIERUNG for colourfastness and material compatibility on an inconspicuous area. Clean the areas to be treated with PNZ-TERRASSEN- & GRABSTEIN-IMPRÄGNIERUNG prior to treatment. The surface must be clean, free of fat, oil and moss, as well as dry. Apply the impregnation liberally by brush, roller or spray 1-2 times wet-on-wet. Drying time depends on the ambient temperature and humidity. Do not use under a temperature of 8°C.

Coverage: Depending on the surface: 0.3 - 1 liter / m²

Storage: Cool and frost-free, seal can tightly.

Cleaning:

Clean working tools with PNZ-SPEZIALVERDÜNNUNG (PNZ-SPECIAL-THINNER) immediately after use or with warm soapy water.

Contents: Water, siloxane

Certification: Hazard class: VbF [German regulations on combustible liquids] do not apply

Container sizes: 0.75 litres, 2.5 litres, 10 litres and larger.



PNZ-RUTSCHHEMMER (PNZ-SLIP-PROTECTION)

Properties:

Highly resistant micro-structure surface finish to reduce the slip/slide properties on porous surfaces, such as wood and mineral surfaces, which are prone to slipping and sliding due to dampness, as well as moss and algae.

Areas of use:

PNZ-RUTSCHHEMMER (PNZ-SLIP-PROTECTION) provides excellent sliding protection for all types of wood to reduce the risk of slipping. This particularly applies to previously treated wood surfaces which are prone to become slippery through dampness, moss, algae and lichen. Also suitable for mineral surfaces, which are to be protected against slipping.

Usage:

Test PNZ-RUTSCHHEMMER for colourfastness and material compatibility on an inconspicuous area. Clean the areas to be treated with PNZ-GARTENHOLZREINIGER (PNZ-GARDEN WOOD-CLEANER) or PNZ-TERRASSEN- & GARBSTEIN-IMPRÄGNIERUNG (PNZ-PATIO- & GRAVESTONE-IMPREGNATION) prior to treatment. The surface must be clean, free of fat, oil, algae and moss, as well as dry. Apply PNZ-RUTSCHHEMMER by brush or roller using the PNZ-FLÄCHENSTREICHER (PNZ-SURFACE-BRUSH) or the PNZ-SCHAUMSTOFFWALZE (PNZ-FOAM-ROLLER) Drying time of approx. 12 - 24 hours dependent on the ambient temperature and humidity Application temperature not under 8°C.

Coverage: 7-10 cum per litre dependent on porosity

Storage: Cool and frost-free, seal can tightly after use.

Cleaning:

PNZ-GRUNDREINIGER (PNZ-DEEP-CLEANER) and warm water or PNZ-SPEZIALVERDÜNNUNG (PNZ-SPECIAL-THINNER).

Contents: Naturally emulsified oils, starch, copolymerisate and potashes.

Container sizes: 0.75 litres, 2.5 litres, 10 litres.



HARTHOLZPFLEGEÖL (HARDWOOD-CARE-OIL)

teak coloured, for inside and outside

Properties:

HARDWOOD CARE OIL is an oil emulsion for the protection and care of hardwood in the interior and external area, made of emulsified oils, which are particularly co-ordinated for hardwood and exotic wood such like Bangkirai, Teak, Meranti, etc. HARDWOOD CARE OIL is milky as liquid, dries colourless up

Areas of use:

For the protection and care of Pergolen, fences, Carports, block and summer-houses, as well as garden furniture and in all ranges, which hardwood use finds.

Usage:

1. The surface should be clean, fat and dust free. Apply HARDWOOD CARE OIL on the bright, untreated wood.
2. Apply HARDWOOD CARE OIL at least twice through capers, syringes, roles or dipping.
3. Overlineable also in the dried condition after approx. 3 - 6 hours.
4. Drying time: 8 - 12 hours. In wet-cold weather the drying time can extend.
5. Apply HARDWOOD CARE OIL according to requirements and weathering 2 – 3 times with the same product.

Coverage:

On planed wood approx. 6 - 8 m² per litres and painting. On rough wood approx. 4 - 6 m² per litres and painting. Dependent on the wood and wood surface.

Processing temperature:

Not under 8° C. wood moisture not over 18%.

Storage:

Keep frost-protected however coolly.

Cleaning:

Clean tools immediately after use with water and soap.

Contents:

Water, emulsified oils, auxiliary materials

Marking: is void

Safety precautions:

HARDWOOD CARE OIL is environment-friendly, should not arrive into the hands of children. May not arrive into drains or into flowing waters. Rinse off immediately with skin contact with clear water. Not inflammable. Surely for flight transport. Color behaviour first in inconspicuous place examines. Vibrate forwards and during the use contents well.

Container sizes:

0.75 litres, 2.5 litres, 10 litres.



PNZ-HOLZKITTLÖSUNG (PNZ-WOOD-FILLER-SOLUTION)

Joint-filler-solution for wood floors and parquet floors

Properties:

- good binding and adhesive strength – quick drying – extreme hardness – easy to sand – simple application – low shrinkage in the joint on drying – coatable with all PNZ products.

Areas of use:

PNZ-HOLZKITTLÖSUNG (PNZ-WOOD-FILLER-SOLUTION) serves as a bonding agent for wood flour or sanding dust, which must be wax and paint free. For the initial filling of parquet and wooden floors and to seal joints (ideally 100 or 120 sanding dust).

Usage:

PNZ-HOLZKITTLÖSUNG is mixed with wood flour or sanding dust (2nd or 3rd sanding, 100/120 grain) into a homogenous, easily workable paste and then worked into the joints with the PNZ-SPACHTEL (PNZ-TROWEL). The trowel application should be carried out such that only the joints are filled as far as possible. Subsequent light sanding is essential. Use PNZ-HOLZKITTLÖSUNG undiluted. If the trowel paste is too thick, thin with PNZ-HOLZKITTLÖSUNG. The made up paste in its normal layer thickness may be sanded after approx. 10-15 minutes. The stated drying times are based on normal conditions (+20°C and 55% rel. humidity).

The room/surface and PNZ-HOLZKITTLÖSUNG should not be below 15°C when applying.

Coverage: 40 to 100g/m² dependent on the size of the joints. Apply as little as possible.

Storage: Storage period of 1 year in the unopened original container. Opened containers should be well closed and used promptly. Cool and frost-free.

Cleaning: PNZ-SPEZIALVERDÜNNUNG (PNZ-SPECIAL-THINNER). Clean tools immediately after use with newspaper or similar paper.

Note: VbF (German regulations on combustible liquids): A I

Contents: Copolymerisat – nitrocellulose

Container sizes: 1 litres, 5 litres and larger.



PNZ-REPARATURPASTE (PNZ-WOOD+CORK-REPAIR-PASTE)

Solvent-free, universal repair paste for the repair of wood, cork and laminate for inside and outside.

Properties:

Universal, solvent-free, neutral odour repair paste.

Areas of use:

For repairing cracks, holes and depressions in wood, cork and laminates inside and outside.

Usage:

Cleanly fill the repair site with paste of the appropriate colour. Several layers may be applied where there is deeper damage.

Follow-up treatment with water-base paints, waxes etc. is possible at any stage after hardening.

PNZ-HOLZ+KORK-REPARATUR-PASTE may be sanded, sawn, stained, planed, filed and drilled, just like wood.

Coverage:

According to requirements.

Storage:

Cool and frost-free.

Cleaning:

Clean tools with soap and water.

Colours:

spruce / fir / ash / birch

pine / limba / acacia / obeche

beech / Oregon pine

oak, light / medium / eucalyptus / ramin

cork / nut tree, light / teak / red ironwood

nut tree, medium / macoré / meranti

maple / white beech

nut tree, dark / mahogany

oak, dark / oak, rustic

white cherry / pear tree

All colours may be mixed with each other.

Contents:

Natural fillers, such as chalk, silica, talcum, potato starch, shellac, water, mineral and iron oxide pigments.

Container sizes:

150 g tube, 750 g can and larger.



PNZ-WEICHHOLZLAUGE (PNZ-SOFT-WOOD-ALKALINE-SOLUTION)

Properties:

PNZ-WEICHHOLZ-LAUGE (PNZ-SOFT-WOOD-ALKALINE-SOLUTION) is a ready-to-use single component alkaline solution. PNZ-WEICHHOLZ-LAUGE emphasizes the natural grain, has a short development time, has a neutral odour, is non-corrosive and may be economically applied over large areas with special tools.

Areas of use:

For fresh, non-yellowed, well sanded or bleached soft wood (coniferous wood) used in interior applications. Ideal for wooden floors, stairs, wall and ceiling panelling, furniture, wood composite boards etc.

Usage:

Rough wood must be finely sanded, clean, dry, free of dust and grease (remove grease with PNZ-INTENSIV-REINIGER (PNZ-INTENSIVE-CLEANER)). An extremely fine sanding with a mesh abrasive disc is recommended. Resin patches should previously be brushed off with PNZ-GRUND-REINIGER (PNZ-DEEP-CLEANER). Stir alkaline solution vigorously in the container, shake and pour half in a plastic container.

Stir the remainder in the vessel vigorously, shake and also pour into the plastic vessel. Then stir evenly in the vessel. Use alkali resistant tools. Brush or roll the surface evenly until the alkali solution forms a full surface layer.

IMPORTANT! Stir the alkaline solution in the vessel regularly. Reapply copious alkaline solution to any dry patches arising on the surface until an even layer remains on the surface. Apply alkaline solution to wall and ceiling panelling and treat subsequently! Otherwise apply to vertical areas from bottom to top.

Avoid working overhead!

Observe a drying time of 1 day before subsequent treatment with wooden floor soap and 3 days before subsequent treatment with wooden floor oil (the max. wood moisture for oil treatment must not exceed 14%). Dry chalk dust arising on the surface after the drying time should be brushed off with a dry scrubbing brush or sanding pad and vacuumed off. Wash tools thoroughly with water after use.

Subsequent treatment:

Necessary for appearance and surface protection. The following compatible products are available for professional final treatment of alkaline treated soft wood surfaces dependent on the use they are subject to. For lesser-used surfaces in the home: PNZ-HOLZBODEN-SEIFE (PNZ-WOODEN-FLOOR-SOAP) – for a natural colour effect.

For heavily used surfaces (also in commercial environments): PNZ-HOLZBODEN-ÖL (PNZ-WOODEN-FLOOR-OIL) – for a natural colour effect.

For interior painted surfaces: PNZ-FUSSBODEN-LACK (PNZ-FLOOR-VARNISH) for applications in which a film –forming effect is preferred. Observe three to five days drying time and carefully remove chalk dust before treating varnish.

Coverage: 100-120 ml/m² per coat, for wood-block paving 3–4 x quantity.

Colours: colourless, white.

Note:

Soft wood which is already yellowed must be thoroughly sanded off or bleached prior to treatment. Yellowed soft wood does not become lighter as a result of the treatment!

Contents: Water, sodium hydroxide, cellulose; for white: calcium and titanium oxide.

Container sizes: 1 litres, 2.5 litres, 10 litres and larger.



PNZ-HARTWACHS-ÖL (PNZ-HARD-WAX-OIL)

Properties:

PNZ-HARTWACHS-ÖL (PNZ-HARD-WAX-OIL) is an open-pored, moisture regulating, colourless, professional surface coating product for wood and cork, strongly water repellent, resilient against common foodstuffs and household chemicals acc. to DIN 68861. -1C.

The coat is safe for humans, animals and plants after drying and complies with DIN 53160 and EN 71 for children's toys. Contains no biocidal substances and preservatives, excellent cover power. Also available in white.

Areas of use:

For all heavily used interior areas, such as wooden floors, cork, OSB boards, wood composites, worktops, furniture, terracotta and unglazed tiles, also in damp rooms such as the bathroom and kitchen. Well suited for children's nurseries, hospitals etc.

Usage:

Colourless or white PNZ-HARTWACHS-ÖL can be applied manually or mechanically. The moisture content of the wood should not be more than 15%. Surfaces must be clean, free of grease and, if required, sanded.

Repair holes and cracks with PNZ Repair paste.

Manual application:

Apply the first coat thinly with a paintbrush or trowel, remove after approx. 10 minutes until the surface appears dry, rub in with a pad as required. Allow to dry for 8-10 hours (overnight) with good ventilation. Repeat the second coat as the first; do not allow any excess to remain. For white PNZ-HARTWACHS-ÖL, we definitely recommend a third coat of colourless PNZ-HARTWACHS-ÖL as protection against the abrasion of the pigments, applied as previously described. The surface can be polished over with a white pad PNZ-SINGLE-DISC-POLISHER or PNZ-PFLEGEBOY (suction wax polisher).

Mechanical application:

Pour small quantities of PNZ-HARTWACHS-ÖL at points over the wooden surface, then rub in evenly by brush or single disc polisher until the surface appears dry (allow no excess to remain). Repeat the process after approx. 8-10 hours. The surface can then be walked upon after approx. 12 hours. This increases the resistance to wear. Wooden floorboards can also be treated individually prior to being laid. Complete drying time approx. 8-10 days. Do not lay a carpet before this time. Do not apply under a temperature of + 8°C. Afterwards it can be cleaned with PNZ-HOLZBODENSEIFE (PNZ-WOOD-FLOOR-SOAP) and maintained with PNZ-PFLEGEEMULSION (PNZ-CARE-EMULSION). Simple renovation of heavily used or damaged areas. Clean with PNZ-GRUNDREINIGER (PNZ-DEEP-CLEANER), cover with PNZ-HARTWACHS-ÖL. It is not necessary to sand surfaces to be repaired.

It has different effects on different surfaces. Trial coats are therefore essential.

Care:

Dry brush, wipe with a sprayed damp mop or vacuum, e.g. with a suction wax polisher PNZ-PFLEGEBOY (suction wax polisher). In the case of severe soiling, add PNZ-HOLZBODENSEIFE (PNZ-WOODEN-FLOOR-SOAP) to the water. Use PNZ-PFLEGEEMULSION (PNZ-CARE-EMULSION) or PNZ-WACHSFINISH (PNZ-WAX-FINISH) for after care.



PNZ-HARTWACHS-ÖL (PNZ-HARD-WAX-OIL)

Coverage :

Up to 20 sqm. and more per litre per coat depending on the surface and wood type.

For cross-grained wood and strongly absorbing woods, such as beech, we recommend three applications, as described above.

Cleaning:

Clean tools with PNZ-SPEZIALVERDÜNNUNG (PNZ-SPECIAL-THINNER) or white spirit.

Contents:

Isoaliphates, natural plant oils and waxes, such as sunflower oil and rapeseed oil from controlled domestic cultivation, safflower oil, soya oil, shellac wax, candelilla wax, carnauba wax, microwax and lead-free drying agents, for White: titan white.

Note:

When using several containers with different lot numbers, they should be mixed together in a large container!

VbF (German regulations on combustible liquids): A III

Store soaked cloths in closed containers or soak in water (danger of spontaneous combustion).

The dried coat is highly flammable as defined by TLA-053 and normal acc. to DIN 4102 B2. UBA 26010014

Container sizes: 0.75 litres, 2.5 litres, 10 litres, 30 litres and larger.



PNZ-HIGH-SOLID-ÖL-WACHS (PNZ-HIGH-SOLID -OIL-WAX solvent-free)

For normal to heavily worn parquet and wood surfaces

Composition:

PNZ-HIGH-SOLID-ÖLWACHS (PNZ-HIGH-SOLID-OIL-WAX) is manufactured from selected, high-quality natural waxes and oils. PNZ-HIGH-SOLID-ÖLWACHS is solvent-free

Area of use:

PNZ-HIGH-SOLID-ÖLWACHS is universally suited for all normal to heavy wear interior parquet and wood surfaces. Particularly light woods, such as maple, keep their light and even attractive surface after treatment with PNZ-HIGH-SOLID-ÖLWACHS.

Properties:

solvent-free – maintains – protects – acts antistatically – anti-slip – dirt repellent – gas permeable – dries clear.

Usage:

The moisture content of the wood should be no more than 15%. The final sanding of the wood must be at least 150 grain. The surface must be dry and free of all residues. Dirt can be removed with PNZ-GRUNDREIN (PNZ-DEEP-CLEAN).

Coverage:

Approx. 15-20 g/m² per coat. The coverage information is only intended as guidance. The exact quantities must be determined on the object.

Usage – Floors: Apply PNZ-HIGH-SOLID-ÖLWACHS with a trowel and work in with a single disc polisher and white pad after approx. 30 minutes. A further application should be made if the wood is still absorbant. Great care should be taken that no oil-wax remains on the surface. Apply the material directly on absorbant woods (birch etc.) with a single disc polisher and Beige PAD and after approx. 30 min. polish with the White PAD with the single disc polisher.

Usage – Furniture: Apply PNZ PNZ-HIGH-SOLID-ÖLWACHS with a lint-free rag and polish after approx. 30 minutes with an orbital sander or manually with a White PAD.

Drying time:

Should a second application be necessary, there must be a drying time of 12 hours. The drying time of the second coat is 2-3 days depending on the absorbency of the wood, temperature, humidity and wood moisture. The surface is fully resilient after a drying time of 7-10 days. The stated drying times are based on normal conditions (+20°C and 55% rel. humidity). Higher humidity and lower temperatures can significantly prolong drying.

Care/cleaning:

With PNZ-HOLZBODENSEIFE (PNZ-WOOD-FLOOR-SOAP), PNZ-PFLEGEEMULSION (PNZ-CARE-EMULSION), PNZ-BIO-FUSSBODENWACHS (PNZ-BIO-FLOOR-WAX), PNZ-MÖBELWACHS (PNZ-FURNITURE-WAX) OR PNZ-BIENENWACHSBALSAM (PNZ-BEESWAX-BALSAM), depending on the surface and wear.

Note:

When using several containers with different lot numbers, they should be mixed together in a large container!

Storage conditions:

Several years under cool (not under + 10°C) and dry storage conditions, in an unopened original container.

Certification:

Working regulations: N/A. Regulations on flammable liquids: N/A. ADR/RID : N/A WGK (German water hazard class): 1. UBA 16440301. Giscode (hazardous substance information system): Ö10

Container sizes: 0.75 litres, 2.5 litres, 10 litres, 30 litres and larger.



PNZ-HOLZ-ÖL (PNZ-WOOD-OIL)

Properties:

PNZ-HOLZ-ÖL natur (PNZ-WOOD-OIL natural) is open-pored and moisture regulating, manufactured on the basis of natural oils. PNZ-HOLZ-ÖL natur is strongly water repellent. PNZ-HOLZ-ÖL natur makes all woods shine and emphasises texture.

PNZ-HOLZ-ÖL natur has a high covering power and good penetration properties.

PNZ-HOLZ-ÖL natur protects and preserves.

Areas of use:

For all heavy wear surfaces, e.g. wooden floors, industrial parquet floors, wood-block paving, as well as stairs, worktops, shelves, window ledges, wood composites and other wooden items. For old and new soft and hard woods, also available in white.

Request an additional instruction leaflet for wood-block paving, beech and cross-grained parquet.

Usage:

PNZ-HOLZ-ÖL natur can be applied manually or by machine. The moisture content of the wood should be no more than 15%. Wood must be planed, clean and free of grease.

Apply PNZ-HOLZ-ÖL natur evenly with a brush or roller (oil resistant), wet-on-wet until the wood is fully saturated. Brush or roll over any dry patches. Repeat the process until the oil remains evenly glossy. The floor can be walked on with clean shoes during the working processes. Remove and collect all excess oil from the surface after approx. 45-55 minutes. Rub remaining residues of oil into the wood immediately by hand or machine. No wet oil should be allowed to remain on the surface.

Polish over, possibly with a pad, after approx. 24 hrs. This increases the surface's resistance to wear. The floor should only be walked on with socks for 24 hours.

The surface is not resilient during the hardening period (approx. 7-10 days) and must not be exposed to water. The longer and better these surfaces are protected in the first days, the longer is the resulting lifespan. Floor covers should not be foil, but corrugated cardboard (wavy side downwards).

Vacuuming or sweeping. Clean with PNZ-HOLZBODENSEIFE (PNZ-WOODEN-FLOOR-SOAP) according to instructions in the case of extreme soiling. Occasionally treat with PNZ-PFLEGEEMULSION (PNZ-CARE-EMULSION) or reoil with PNZ-HOLZ-ÖL (PNZ-WOOD-OIL). Please request care instructions as required. It has different effects on different surfaces. Trial coats are therefore essential.

Coverage: 1 litre is sufficient for 8 – 12 m² per coat, up to 4-times quantity for wood-block paving.

Storage: Cool, but frost-free. Ensure can is well closed.

Cleaning: Clean tools with PNZ-SPEZIALVERDÜNNUNG (PNZ-SPECIAL-THINNER) or PNZ-HOLZBODENSEIFE (PNZ-WOODEN-FLOOR-SOAP).

Note: Keep soaked rags in closed containers or place them in water (danger of spontaneous combustion due to linseed oil component).

When using several containers with different lot numbers, they should be mixed together in a large container!
UBA 260100005

Contents: Linseed oil varnish, nut oil, sunflower oil, poppy seed oil, safflower oil, wood oil.

Container sizes: 0.75 litres, 2.5 litres, 10 litres, 30 litres and larger.



PNZ-FUSSBODEN-LACK (PNZ-FLOOR-VARNISH)

Ready-to-use, aqueous single component sealer

Properties:

PNZ-FUSSBODENLACK (PNZ-FLOOR-VARNISH) is low toxicity, has little odour and is kind to the environment. PNZ-FUSSBODENLACK is hard wearing as a result of its high-quality polyurethane components and resistant against water and many household chemicals, assuming they are removed promptly. PNZ-FUSSBODENLACK serves to protect and enhance wood.

Areas of use:

PNZ-FUSSBODENLACK is to be used for parquet and wooden floors, furniture, panelling, wooden ceilings and stairs. The potential adhesive affect along edges must be taken into account. Only of limited suitability for exotic woods (with a low oil content).

Usage:

Stir well before every use! The surface must be clean and free of residues!

PNZ-FUSSBODENLACK as a primer:

Apply 2 x with a stopping knife or 1 x rolled or brushed on (do not subsequently sand).

2 applications by roller or brush. Sand lightly before the last application. (150 grain)

When applying PNZ-FUSSBODENLACK, the room or surface temperature should not fall below + 15°C.

The first coat should be applied no earlier than 14 days after sealing.

Priming with PNZ-FUSSBODENLACK.

Drying time: after the 1st trowel application approx. 30 mins., after the 2nd trowel application approx. 1 hr., after rolling or brushing approx. 2–4 hrs., after each covering application approx. 2–4 hrs.

May be walked upon with caution after approx. 48 hrs. and fully resilient after approx. 10 days. The stated drying times are based on 60-65% relative humidity and 18-20°C room temperature. Drying is accelerated by good ventilation (no draught). Resealing is possible at any time – also on other varnished surfaces. The precondition is good drying of the pre-sealant, intense cleaning and thorough sanding. Application as stated. Mop with PNZ-HOLZBODEN-SEIFE (PNZ WOODEN-FLOOR-SOAP), from time to time maintain with PNZ-BODEN-GLANZ (PNZ-FLOOR-SHINE) or PNZ-BIO-FUSSBODENWACHS (PNZ-BIO-FLOOR-WAX).

It has different effects on different surfaces. Trial coats are therefore essential.

Coverage: Using a trowel approx. 50-70 g/m², rolling or by brush approx. 100-150 g/m² per coat. Total coat: approx 350 g/m².

Storage: Store and transport above +6°C (ideally 10°C to 15°C). Opened containers should be well closed and used promptly.

Cleaning: Wash tools carefully with water immediately after use.

Note:

When using several containers with different lot numbers, they should be mixed together in a large container!

Container sizes: 0.75 litres, 2.5 litres, 10 litres, 30 litres and larger.



PNZ-FINISHFILL (PNZ-FINISH-FILL)

Properties:

PNZ-FINISHFILL was specially developed for edge impregnation of laminates and waxed ready-to-use parquets and prevents the absorption of water along the side joints and end faces.

Areas of use:

PNZ-FINISHFILL is a ready-to-use initial treatment for floors, where joints may occur. PNZ-FINISHFILL prevents swelling and greying as well as water absorption along edges, side joints and end faces arising from damp mopping.

Usage:

The floor to be treated must be dry and free of dust. It is recommended to treat the floor in sections. PNZ-FINISHFILL should be applied with a metal trowel with rounded corners or a plastic trowel. During use, it may be seen that water resistance increases the better PNZ-FINISHFILL penetrates into the joints. PNZ-FINISHFILL should be applied to the surface as thinly as possible. The more care taken at this stage of the job, the easier and quicker the surface can be polished.

The treated surface must be polished immediately after application. The polishing process must be completed before drying takes place. Therefore, the sections should only be as large as to allow this. For large areas, it is recommended to use a single disc polisher with a fibre pad. If a fibre pad is not available, a suitable polishing cloth can be used.

The polishing process is concluded once the appearance of the polished surface is the same as the original surface (before application of PNZ-FINISHFILL). The floor should not be walked upon during the stated drying time. The more thoroughly the floor is polished, the earlier the floor can be walked upon.

If the application is performed correctly and there is a normal climate of 20° C and 50% relative humidity, the floor can be walked upon again after approx. 2–3 hours. Inadequate ventilation, low temperature and a different humidity can lead to prolonged drying times.

Coverage: Depending on the foundation and method of working on hairline joints 10-15 g/m²

Storage: Cool and frost-free, close can well.

Cleaning: Tools are to be cleaned with PNZ-SPEZIALVERDÜNNUNG (PNZ-SPECIAL-THINNER).

Colours: Colourless

Note: VbF (German regulations on combustible liquids): A III

Contents: Dearomatised hydrocarbons, purified natural oils and waxes.

Container sizes: 0.75 litres, 2.5 litres, 10 litres



PNZ-BODENGLANZ (PNZ-FLOOR-SHINE)

Complete care

Properties:

PNZ-BODEN-GLANZ (PNZ-FLOOR-SHINE) is an environmentally-friendly, aqueous water-based emulsion.

Areas of use:

For the complete care of all waterproof floors and floor coverings, such as sealed parquet floors, laminate and cork, PVC, natural and stone floors, linoleum etc. PNZ-BODEN-GLANZ is suitable both for initial care as well as an additive in wiping water in maintenance care.

PNZ-BODEN-GLANZ dries to a shine without polishing.

Usage:

Initial care of new sealed floors:

Apply PNZ-BODEN-GLANZ undiluted once evenly.

Intensively cleaned floors:

Two applications of PNZ-BODEN-GLANZ are recommended.

Routine maintenance care:

Add approx. 100-200 ml. of PNZ-BODEN-GLANZ to 8–10 l (1 bucket) of clear water and damp wipe.

For freshly painted floors, the 1st undiluted application is possible after approx. 14 days.

For freshly wax floors, the 1st undiluted application is possible after approx. 6 days.

Intense soiling or old, grey layers should be removed beforehand using PNZ-FUSSBODEN-REINIGER (PNZ-FLOOR-CLEANER) or PNZ-GRUNDREIN (PNZ-DEEP-CLEAN).

Coverage: 1 litre undiluted for approx. 8-10 m² per coat.

Storage: Cool, but frost-free.

Note: UBA 26010008, Giscode (hazardous substance information system code): GE10

Contents: Water, carnauba wax, wool wax, soya lecithin, coconut fat tensides, borax, potash.

Container sizes: 1 litres, 2.5 litres, 5 litres, 10 litres and larger.



PNZ-GRUNDREIN (PNZ-DEEP-CLEAN)

Grease and wax remover

Properties:

To deeply clean all floors, such as parquet, plastic, PVC, linoleum floors, natural and imitation stone floors, tiles, rubber floors etc.

Areas of use:

To deeply clean waxed and oiled floors prior to their initial construction. Removes all shiny worn layers layers, polymer layers, waxes, oil films and other forms of soiling.

Usage:

Apply PNZ-GRUNDREIN (PNZ-DEEP-CLEAN) undiluted and allow it to penetrate, if necessary using a scrubbing brush or PNZ-CLEANING-FLEECE (pad) or cleaning machine (hard bristles).

Do not allow PNZ-GRUNDREIN to dry on; it is better to work in sections.

Remove dissolved dirt and wipe away with clear water.

Test on an inconspicuous patch in the case of sensitive coverings, such as linoleum or highly polished areas.

Dilute PNZ-GRUNDREIN as required.

Coverage: 1 litre undiluted for approx. 8 -10 m² per coat.

Note:

Following deep cleaning, your floor should be treated afresh with e.g.

- PNZ-HOLZ-ÖL, natur (PNZ-WOOD-OIL, Natural floor oil)
- PNZ-BODEN-GLANZ (PNZ-FLOOR-SHINE)
- PNZ-HOLZBODEN-SEIFE (PNZ-WOODEN-FLOOR-SOAP)
- PNZ-BIO-FUSSBODENWACHS (PNZ-BIO-FLOOR-WAX)
- PNZ-HOLZ-WACHS (PNZ-WOOD-WAX)
- PNZ-PFLEGEÖL (PNZ-CARE-OIL)
- PNZ-WACHSFINISH (PNZ-WAX-FINISH)
- PNZ-HARTWACHSÖL (PNZ-HARD-WAX-OIL)

PNZ-GRUNDREIN is colour neutral on cork and oak.

UBA 26010002, Giscode (hazardous substance information system code): GG10

Storage: Cool, but frost-free.

Contents: Water, anionic tensides, non-ionic tensides, additives, butyl diglycol.

Container sizes: 1 litres, 2.5 litres, 5 litres, 10 litres and larger.



PNZ-HOLZBODENSEIFE (PNZ-WOODEN-FLOOR-SOAP)

Properties:

PNZ-HOLZBODEN-SEIFE (PNZ-WOODEN-FLOOR-SOAP) is a highly concentrated soap combination consisting of natural plant oils without colourants and fragrances, to clean, maintain and for the initial treatment of interior soft and hard wood surfaces.

Areas of use:

For all high-quality floors, for walls and ceiling panelling, doors, furniture, worktops, caustic treated and oiled floors/surfaces, varnished parquet flooring and cork surfaces etc.

Usage:

Before cleaning with PNZ-HOLZBODEN-SEIFE, the floor should be dry and clean (with a broom or vacuum cleaner).

Cleaning and care should be undertaken according to requirements.

Add approx. 200–250 ml of PNZ-HOLZBODEN-SEIFE to a bucket of water (approx. 8–19 l) for soaped and oiled floors.

Apply sprayed damp.

Dry with a wrung out cloth. Do not wipe over with clear water, as this would remove the satin matt protective film.

We recommend the use of gloves when applying white PNZ Wood Floor Soap.

Add approx 25–50 ml of PNZ-HOLZBODEN-SEIFE to a bucket of water for varnished, sealed or waxed floors. Treatment as previously described.

Coverage: 1 litre undiluted for approx. 8-10 m² per application.

Storage: Cool, but frost-free.

Note: UBA 26010001, Giscode (hazardous substance information system code): GU40

Contents: Water, natural soaps, coconut fat tensides, soya lecithin, potash.

Container sizes: 1 litres, 2.5 litres, 5 litres, 10 litres and larger.



PNZ-PFLEGEEMULSION (PNZ-CARE-EMULSION)

solvent-free

Properties:

PNZ-PFLEGE-EMULSION (PNZ-CARE-EMULSION) is a waxed-based, environmentally-friendly emulsion for the maintenance of oiled and waxed floors.

Areas of use:

For all oiled and waxed surfaces.

Usage:

Clean surface with PNZ-HOLZBODENSEIFE (PNZ-WOODEN-FLOOR-SOAP). After drying, apply sparingly undiluted - or slightly diluted with water – using an absorbent cloth (no microfibres). Polish after drying (approx. ½ hour) using a coarse cotton cloth or block. Any shine can be reduced by adding water. On oiled floors, we recommend an initial treatment after approx. 10-14 days using pure care emulsion.

Coverage: 1 litre undiluted for approx. 20 -25 m² per application.

Storage: Cool, but frost-free.

Cleaning: Clean tools with soap and water immediately after use.

Note: UBA 26010007, Giscode (hazardous substance information system code): GE10

Contents: Water, carnauba wax, beeswax, shellac wax, shellac, natural emulsifier.

Container sizes: 1 litres, 2.5 litres, 5 litres, 10 litres.



PNZ-PFLEGEÖL (PNZ-CARE-OIL)

Properties:

PNZ-PFLEGEÖL (PNZ-CARE-OIL) for reoiling all surfaces **oiled during production**.

Areas of use:

For renovating and maintaining interior oiled wooden and cork surfaces.

Use to maintain all common oil systems.

Usage:

Clean with vacuum cleaner, broom or mop. Clean damaged, dull patches with PNZ-GRUNDREIN (PNZ-DEEP-CLEAN) and allow 24 hours to dry.

Stir and shake **white PNZ-PFLEGEÖL**. Apply **PNZ-PFLEGEÖL sparingly with a spray bottle** or oil wetted floor cloth and, after allowing 10 min. to work in, rub in with a dry **beige PNZ-PAD**. No moist film of oil and no oil splashes should be allowed to remain on the surface! The surface must have a dry appearance.

Ensure good ventilation; oxygen and a temperature above 18 °C accelerate the drying process. Hardening time at least 24 hours. **Protect from water in this period!** Then polish with the **white PNZ-POLIER-PAD (PNZ-POLISHING-PAD)**. We recommend cleaning care with PNZ-HOLZBODENSEIFE (PNZ-WOODEN-FLOOR-SOAP) and PNZ-PFLEGEEMULSION (PNZ-CARE-EMULSION) for long-term preservation of quality.

Coverage: Approx. 25 ml/m², i.e. 1 litre PNZ-PFLEGEÖL is sufficient for approx. 40 m² of oiled area per coat.

Storage: Cool and frost-free.

Cleaning: Clean tools with PNZ-SPEZIALVERDÜNNUNG (PNZ-SPECIAL-THINNER).

Note:

No danger of spontaneous combustion, VbF (German regulations on combustible liquids): A III. UBA 260100012

Contents:

Natural oils comprising: safflower, poppy seed, nut, oilseed rape, soya, sunflower, and isoaliphates.

Calcium and cobalt drying agents. Titanium white is also used in White PNZ-PFLEGEÖL.

Children's toy safety acc. to EN 71.

Container sizes: 0.75 litres, 2.5 litres, 10 litres, and larger.



PNZ-WACHSFINISH (PNZ-WAX-FINISH)

Liquid wax care

Properties:

High quality, selected natural waxes and essential oils. PNZ-WACHSFINISH (PNZ-WAX-FINISH) contains no chlorinated solvents and preservatives and no formaldehyde. It does not contain any toxic substances. DIN 50.160 and EN 71.

- acts antistatically and anti-slip – dirt repellent – maintains – protects – enhances – keeps surfaces gas permeable – dries colourless – no exhalation from the dry film – serves as a protective foundation and also for subsequent maintenance and cleaning – anti-friction

Areas of application:

PNZ-WACHSFINISH is used for all heavily used interior wood and cork surfaces (also for those prewaxed during production) linoleum, PVC, plastic coverings, stone-wood, marble, ceramic floor tiles and other solvent resistant surfaces. It is recommended to pretreat untreated floors with PNZ-HOLZ-ÖL (PNZ-WOOD-OIL), PNZ-HARTWACHSÖL (PNZ-HARD-WAX-OIL) or PNZ-OBJEKTÖL (PNZ-OBJECT-OIL).

Usage:

The surface must be sound, free of residues, clean (e.g. oil and grease free) and dry. Dirt can be removed with PNZ-GRUNDREINIGER (PNZ-DEEP-CLEANER). A test application on an area of floor not previously impregnated is recommended.

Apply PNZ-WACHSFINISH thinly and evenly by brushing, with a cotton cloth or mechanically.

Polish as soon as the wax layer is dry (approx. 1 to 3 hours, the surface should no longer be wet shiny). If the surface still shows dull patches after polishing, allow the PNZ-WACHSFINISH to dry better and polish again (white PNZ-PAD) or PNZ-CARE-BOY.

The drying time at around + 20 °C and approx. 55 % rel. humidity is approx. 1 to 3 hours. If dull or worn patches are visible, these should be rewaxed with PNZ-WACHSFINISH and polished immediately after drying. PNZ-WACHSFINISH can also be applied diluted if there is maintenance and cleaning using PNZ-PFLEGEEMULSION (PNZ-CARE-EMULSION) or PNZ-HOLZBODENSEIFE (PNZ-WOODEN-FLOOR-SOAP). If there are smears visible over the entire waxed area, for example, these may be polished away with a white PNZ-PAD or PNZ-CARE-BOY, without the need for waxing.

If required (e.g. if the wax film is partially wiped away), PNZ-WACHSFINISH may be applied after every thorough clean. There should always be just a thin film of wax present.

Repeated impregnation with the required PNZ OILS is possible at any time. Thorough cleaning with PNZ-GRUNDREINIGER (PNZ-DEEP-CLEANER) must be undertaken beforehand in the case of waxed or soiled surfaces.

Please request the PNZ Care Instructions and the relevant technical datasheets for other details on care and cleaning of oiled and waxed floors

Coverage: 1 litre for approx. 25 -30 m² per coat.

Storage: Several years for dry storage in the unopened original container.

Note:

VbF (German regulations on combustible liquids): A III
UBA 26010016

Contents: Dearomatised hydrocarbons and purified natural waxes.

Container sizes: 1 litres, 2.5 litres, 5 litres, 10 litres and larger.



PNZ-BIO-FUSSBODENWACHS (PNZ-BIO-FLOOR-WAX)

Properties:

PNZ-BIO-FUSSBODENWACHS (PNZ-BIO-FLOOR-WAX) has acts antistatically, is safe to walk upon and dirt repellent.

No exhalation from the dried coat. Makes the floor shine and brings out structure.

Areas of use:

For natural treatment and maintenance of hard and soft wood floors, parquet floors, stone floors, wooden panelling, stairs, laminate, cork tiles, cork floors and unglazed stone slabs. PNZ-BIO-FUSSBODENWACHS can be used for varnished, oiled and waxed floors.

Usage:

For previously treated floors: clean away dust and dirt from the surface.

Apply PNZ-BIO-FUSSBODENWACHS sparingly with a brush (also mechanically), wadded cloth or lint-free rag and rub well into the wood.

Polish with a damp rag or brush, block, polishing disc (also mechanically) after a drying time of approx. 3–5 hours. A second treatment is recommended for heavily used floors. The moisture content of the wood should be no more than 20%.

For new floors: here wood must be pre-treated with PNZ-HOLZ-WACHS (PNZ-WOOD-WAX) or PNZ-HARTWACHSÖL (PNZ-HARD-WAX-OIL), as this penetrates the wood better.

First treatment:

Apply PNZ-HOLZ-WACHS (PNZ-WOOD-WAX) with a brush or roller.

After approx. 10 – 15 hours drying time:

Second treatment:

as the first, after 15 – 20 hours drying time

Third treatment:

Apply PNZ-BIO-FUSSBODENWACHS with a paint brush (not too soft), stiff brush (also mechanically), with a wadded cloth or lint-free rag.

Polish to a shine with a white pad, fibre brush, blocker or rag after approx. 3 - 5 hours drying time.

Floors pretreated with PNZ-HOLZ-WACHS (PNZ-WOOD-WAX) are largely resistant to beer, wine, fruit juice and water.

Clean by damp wiping with PNZ- REINIGER (PNZ-FLOOR-CLEANER) or PNZ-HOLZBODEN-SEIFE (PNZ-FLOOR-SOAP), occasionally damp wipe with PNZ-BODEN-GLANZ (PNZ-FLOOR-SHINE).

If required, reapply PNZ-BIO-FUSSBODENWACHS.

Coverage: 1 litre for approx. 15 – 20 m² per coat.

Cleaning: Clean tools and PNZ-SPEZIALVERDÜNNUNG (PNZ-SPECIAL-THINNER).

Colours: Colourless

Note:

Keep away from children; ensure adequate ventilation during use.

UBA 26010003

Contents:

Dearomatised hydrocarbons, shellac wax, mineral wax, ceramimbi wax, carnauba wax, Japan wax, micro wax, beeswax.

Container sizes: 0.5 litres, 2.5 litres, 10 litres, and larger.



PNZ-FLECKENHEXE (PNZ-STAIN-WIZARD)

Properties:

PNZ-FLECKENHEXE (PNZ-STAIN-WIZARD) is a specially combined glue, stain, and dirt remover for stains such as latex paints, felt tip pens, ball point pens, ink, black rubber marks, water resistant glue residues etc. on laminates, sealed parquet flooring and other surfaces.

Area of use:

Sealed parquet floors, laminates, stone floors, elastic floor coverings (PVC, rubber, CV), desks, fitted cupboards, plastic surfaces such as worktops, and more besides.

Instructions for use:

Test PNZ-Stain-Remover for colourfastness and material compatibility on an inconspicuous area.

Wet glue residues or stains with PNZ-FLECKENHEXE and allow to work in for approx 1-5 mins. Then rub with an absorbent cloth.

Stubborn stains may need to be tackled with a brush, pad or plastic trowel. Wipe over with water following removal.

Caution: Take care when working close to glued joints, only allow brief exposure. Do not allow penetration into the joints.

We recommend PNZ care products for aftercare.

Coverage:

Dependent on soiling.

Contents:

Non-ionic tensides, aqueous solvents, fragrance.

Storage:

Cool and frost-free.

Note:

UBA 26010018

Safety advice:

The liquid product should be kept out of reach of children. Keep away from food and feedstuffs. Keep away from food and feedstuffs. Do not inhale spray. Rinse with clear water if in contact with skin or eyes.

We recommend wearing rubber gloves during the use of PNZ-FLECKENHEXE.

Container sizes:

500ml



PNZ-ARBEITSPLATTEN-ÖL (PNZ-WORKTOP-OIL (FURNITURE OIL))

Properties:

PNZ-ARBEITSPLATTENÖL (PNZ-WORKTOP-OIL), Colourless and White is open-pored, moisture regulating, has high covering power and good penetration. It gives wood high-quality surface protection and is water and dirt-retardant.

Areas of use:

For all interior rough and caustic-treated woods.

Usage:

The untreated wood must be clean, free of grease and resin and finely sanded, max. wood moisture 14%. Oil and room temperature must be at least 18°C, max. humidity 60%. Wood rich in resin should be brushed off with PNZ-GRUNDREIN (PNZ-DEEP-CLEAN) and allowed to dry for at least 12 hours.

Please note: Solid, composite and veneered woods absorb the oil differently, which may lead to colour differences between them. **Oil a test piece!**

IMPORTANT! Stir and shake white PNZ-ARBEITSPLATTENÖL well. Apply the worktop oil with an **oil roller** or **brush** wet-on-wet and repeat rolling until the entire surface remains wet and the wood no longer absorbs oil (up to 60 minutes depending on the type of wood). Then rub in excess oil with a beige PNZ-PAD or cotton cloth until no more remains.

There must be no shiny patches or oil splashes on the entire surface; it must appear dry. Polish the wooden surface with a **white PNZ-SUPER-PAD** or cotton cloth after at least 24 hours drying time.

Clean with PNZ-HOLZBODENSEIFE (WOODEN-FLOOR-SOAP).

PNZ-ARBEITSPLATTENÖL can also be treated and cared for with PNZ-MÖBELWACHS (PNZ-FURNITURE-WAX). First application after 7 days! Unused oil can be used both undiluted and well measured as **care oil** as required.

Coverage:

Maple, birch, beech approx. 200ml/m², two or three coats in intervals of 12 hours.

Oak, ash, larch approx. 100ml/m² per coat,

pine, spruce, fir approx. 150ml/m² per coat

Note:

Ensure good ventilation at all times (open doors).

Oxygen and temperature above 18 °C accelerate the drying process.

Drying time approx. 2-3 days.

Protect from water in this period! Do not use for at least 2 days, after which time the wood may be used with care. The longevity and preservation of value of oiled surfaces is strongly dependent on careful treatment in the first few days!

Contents:

Natural oils comprising: safflower, flax, poppy seed, nut, oilseed rape, soya, sunflower, isoaliphates. Worktop oil also includes titanium white. Calcium and cobalt are used as drying agents. Children's toy safety acc. to EN 71. Food safe acc. to the Lebensmittelgegenständegesetz (German foodstuffs law). VbF (German regulations on combustible liquids): AIII

Container sizes: 0.75 litres, 2.5 litres, 10 litres, and larger.



PNZ-WACHS-BEIZE (PNZ-WAX-STAIN)

Properties:

PNZ-WACHS-BEIZE (PNZ-WAX-STAIN) is a solvent-free wax emulsion made of natural waxes and pigments. PNZ-WACHS-BEIZE are ammonia-free positive stains. All colours may be mixed with one another and have an almost unlimited shelf life in glass or plastic containers.

Stains can be made lighter or thinned down using colourless PNZ-WACHS-BEIZE.

Areas of use:

For wooden ceilings, panelling, roof trusses, sculptures, shelving and furniture made of spruce and pine. It may be used for other types of wood.

Only for interiors.

Usage:

Clean the wood surface of dust and dirt, remove any protruding glue.

Vigorously shake or stir PNZ-WACHS-BEIZE well before use. Apply liberally. Distribute evenly with a brush. After drying, bring to the required shine with a staining brush or other stiff brush.

Wax stains are not very water resistant. A more water resistant and significantly stable surface for handling is created with an overcoat of PNZ-HOLZ-WACHS (PNZ-WOOD-WAX), PNZ-ANTIK-WACHS (PNZ-ANTIQUE-WAX) or PNZ-HOLZ-LASUR, solvent free (PNZ-WOOD-VARNISH, solvent-free). Brushing is not necessarily required in this case!

Coverage: 1 litre for approx. 7 -10 m² per coat.

Storage: Store only in glass or plastic containers or lined metal containers. PNZ-WACHS-BEIZE is delivered ready to use.

Colours: Colourless, natural spruce, lime, light oak, dark oak, nut brown, bog oak, pearly white, citreous, coral red, patina green, capriblue

Note: Always begin with a test stain! Colour shifts are possible through the natural colour of the wood.

Contents: Water, wax dispersion (ammonia-free).

Container sizes: 0,25 litres, 0.5 litres, 1 litres, 5 litres, 10 litres, 30 litres and larger.





PNZ-BIENENWACHSBALSAM (PNZ-BEESWAX-BALSAM)

Properties:

Biological surface enhancement with selected natural substances. Acts antistatically, maintains diffusion properties, protects against dampness and soiling.

Therefore has a very positive influence on the air conditions of the room.

No exhalation from the dried coat. Gives a glossy shine to the surface.

Easy to treat, may be polished after a short time.

D: Safe after coat has dried; certified for colourfastness when exposed to perspiration and saliva acc. to DIN 53160.

CH: Tested and approved by the Swiss federal office for public health and the environment BAT T No. 82800, toxicity class: safe

Areas of use:

PNZ-BIENENWACHS-BALSAM shows excellent suitability for the treatment and care of wooden ceilings, wood panelling, shelving, furniture, cork and wooden handicrafts. PNZ-BIENENWACHS-BALSAM is also used with wooden antiques such as furniture, picture frames, carvings etc. PNZ-BIENENWACHS-BALSAM has proven itself in the restoration of protective wood varnishes or dull old paint surfaces as well as stained and waxed surfaces. We recommend PNZ Wood Wax for damp rooms, such as bathrooms and showers as well as heavily used areas such as doors and kitchens.

Usage:

With a brush or wadded cloth. (PNZ-BIENENWACHS-BALSAM may also be applied by brush in the thickened state)

Remove dust and dirt from the wood surface. Apply PNZ-BIENENWACHS-BALSAM evenly with a brush or lint-free rag.

Wipe off excess after approx. 25 – 30 mins. with a damp rag in the direction of the wood grain. The surface can be lightly polished to a brilliant shine after a few hours. Repeated treatment as above is recommended if a richer surface is required. The moisture content of the wood should not be more than 20%.

Coverage: 1 litre for approx. 15 m².

Cleaning: Clean tools and PNZ-SPEZIALVERDÜNNUNG (PNZ-SPECIAL-THINNER).

Colours: PNZ-BIENENWACHS-BALSAM is only available colourless, but may be coloured with universal colouring pastes.

Contents: Beeswax, deaeromatised hydrocarbons, carnauba wax, mineral wax, Japan wax, candelilla wax, microwax. UBA 26010004

Container sizes: 0.25 litres, 0.75 litres, 2.5 litres, 10 litres, 30 litres and larger.



PNZ-MÖBEL-WACHS (PNZ-FURNITURE-WAX)

Properties:

Maintains diffusion properties, acts antistatically and protects against damp. PNZ-MÖBEL-WACHS (PNZ-FURNITURE-WAX) fulfils the natural care needs of wood. PNZ-MÖBEL-WACHS protects your furniture, conferring natural beauty and a well-maintained appearance. PNZ-MÖBEL-WACHS replaces furniture polish in the long-term (no finger marks).

Areas of use:

To protect and care for furniture, shelving, wall panelling, railings, doors, carvings, sculptures and cork.

Usage:

Apply PNZ-MÖBEL-WACHS evenly and thinly with a lint-free rag.

Once it is well dry, the surface should be polished to a shine with a rag.

Colours:

Colourless

Note:

Painted furniture should be tested for colourfastness at an inconspicuous area, as there can be smearing of “new” paints.

Contents:

Dearomatised hydrocarbons, candelilla wax, Japan wax, carnauba wax, mineral wax, ceramimbi wax, micro wax, shellac wax, beeswax.

Container sizes:

75 ml, 0.5 litres and larger.



PNZ-ANTIK-WACHS (PNZ-ANTIQUE-WAX)

Properties:

Fulfills the natural care requirements of wood. Maintains diffusion properties, acts antistatically and protects against damp. Prevents environmental influences (especially during the hot period) from attacking wood. PNZ-ANTIK-WACHS (PNZ-ANTIQUE-WAX) protects your wood, confers natural beauty and a well-maintained appearance.

Areas of use:

For restoration, protection and care of antiques, such as furniture, sculptures, picture frames etc. To restore treated woods.

To treat and maintain all exposed woods, such as furniture, shelving, wooden ceilings, wall panels, beams, railings, sculptures and cork.

PNZ-ANTIK-WACHS is extremely well suited for the treatment of stained woods.

Usage:

Apply PNZ-ANTIK-WACHS evenly with a lint-free rag or soft brush. Once it has dried well, the surface can be polished to a shine with a rag or brush in the direction of the grain.

A second treatment, as described, may be necessary for strongly absorbent surfaces.

Pretreatment with colourless PNZ-HOLZ-WACHS (PNZ-WOOD-WAX) is advantageous, as the resistance of the wood against all liquids (such as beer, wine, water) is significantly increased.

Apply colourless PNZ-HOLZ-WACHS (PNZ-WOOD-WAX) with a paintbrush or rag; remove excess wax after approx. 5-10 mins. using a damp cloth in the direction of the grain.

Apply PNZ-ANTIK-WACHS after drying, as described.

Pine coloured PNZ-ANTIK-WACHS enhances the natural colour of caustic stripped or stained woods, resulting in a very beautiful surface.

Colours:

Colourless, pine, light brown, dark brown.

Note:

Painted furniture should be tested for colourfastness on an inconspicuous area, as there can be smearing of "new" paints.

PNZ-ANTIK-WACHS can also be liquefied in a warm water bath to achieve effective impregnation.

Contents:

Dearomatised hydrocarbons, carnauba wax, candelilla wax, Japan wax, ceramimbi wax, mineral wax, micro wax, beeswax, shellac wax.

Container sizes:

0.5 litres, 2.5 litres and larger.



PNZ-WACHS-KITT (PNZ-WAX-FILLER-STICKS)

- stable to light -

Properties:

Universal renovation wax.

Area of use:

To repair damage and small wood defects on interior varnished and glazed wooden surfaces.

Usage:

Press PNZ-WACHS-KITTSTANGEN into the surface and then smooth out.

PNZ-WACHS-KITTSTANGEN should ideally be hand warm before use.

PNZ-WACHS-KITTSTANGEN should be used only after staining.

Coverage:

According to requirements.

Storage:

Cool and frost-free.

Cleaning:

Clean tools with PNZ-SPEZIALVERDÜNNUNG (PNZ-SPECIAL-THINNER) or white spirit.

Colours:

No. 10 white No. 18 oak, medium

No. 15 maple No. 01 oak, dark

No. 36 limba No. 02 mahogany

No. 19 cherry tree No. 07 deer brown

No. 28 pear brown / macoré No. 27 nut brown, light

No. 21 oak, natural No. 08 nut brown, medium

No. 22 oak, light No. 04 nut brown, dark

No. 23 oak, green No. 09 black

No. 31 beech, natural

Contents:

Wax and pigments.

Packaging units:

14 sticks



PNZ-LEINÖLFIRNIS (PNZ-LINSEED-OIL-VARNISH)

Properties:

PNZ-LEINÖL-FIRNIS (PNZ-LINSEED-OIL-VARNISH) is obtained by pressing linseeds and is a natural, proven substance for wood protection. It is a natural, resin-free and non-toxic product and a perfect primer for oil-based paints and for oiling screens. It results in a stable, penetrating, but open porous coat for all types of wood and masonry.

Areas of use:

PNZ-LEINÖL-FIRNIS is suitable for treating wood, timber, plaster, masonry and clinker surfaces, for oiling screens or as a primer for oil-based paints. Open-pored primer, moisture-regulating film, emphasises wood texture.

Usage:

Thin down PNZ-LEINÖL-FIRNIS appropriately, for example with PNZ-SPEZIALVERDÜNNUNG (PNZ-SPECIAL-THINNER) thinned 1:1 and apply to a dry, grease-free surface with a brush or rag. It is recommended to "remove" excess material with a lint-free cloth after approx. 30 mins. Several coats are required for exterior applications.

Apply the first coat thinned by approx. 50%, sand down after drying.

Second coat thinned by approx. 30%, third coat by approx. 10%.

Apply the coats sparingly.

Pigmentation (additional colouration) is imperative for outdoor applications to ensure protection from UV rays (greying).

Do not remove any excess when applying outside.

Treating plaster, masonry, clinker etc.: Apply PNZ-LEINÖL-FIRNIS thinned 1:1 on a grease-free, dry surface. Stir PNZ-LEINÖL-FIRNIS with suitable paint pigments into a paste, then add PNZ-LEINÖL-FIRNIS and some PNZ-SPEZIALVERDÜNNUNG (PNZ-SPECIAL-THINNER) to achieve the right consistency for application. The drying time can be 12–36 hours depending on temperature and humidity.

Safety advice:

There is a danger of spontaneous combustion from drying oil. Store soaked cloths, rags, sponges etc. in water or in sealed containers. Reseal opened containers firmly.

Coverage:

1 litre for approx. 10 m² per coat.

Contents:

Pure linseed oil with no added lead or barium dryer additives. The linseed oil for PNZ-LEINÖL-FIRNIS is obtained from controlled domestically cultivated linseeds.

Certification:

Giscode (hazardous substance information system code): Ö10.

Container sizes:

0.75 litre, 2.5 litre, 10 litre, 30 litre and larger.



PNZ-SPEZIALVERDÜNNUNG (PNZ-SPECIAL-THINNER)

For thinning, cleaning and degreasing

Areas of use:

Especially for thinning PNZ products containing solvents and all oil products and linseed oil varnish. To clean and degrease tools, machines and soiled surfaces.

Usage:

For thinning, stir in small portions (e.g. linseed oil varnish).

Note:

Caution: Not for thinning of aqueous products!

Store well sealed, protect against overheating. VbF (German regulations on combustible liquids): A III

Do not store in places in which foodstuffs are manufactured or stored. Avoid open flames. Must not find its way into children's hands. Only use in well ventilated spaces. Do not inhale aerosol vapour. Do not allow product residues to enter sewage, watercourses or the ground.

Container sizes:

0.75 litres, 2.5 litres, 10 litres, 30 litres and larger.



PNZ-MÖBELFRISCH (PNZ-FURNITURE-FRESHENER)

Properties:

PNZ-MÖBELFRISCH (PNZ-FURNITURE-FRESHENER) is a refreshing tonic for wood and plastic surfaces, protects, cleans, cares for and helps cover protrusion of greying, scratches, scuffs and dents. Light for light furniture. Dark for dark furniture.

Areas of use:

For the care of satin shine varnished surfaces, such as furniture, worktops, shelves, doors, tabletops etc.

Usage:

Shake PNZ-MÖBELFRISCH well before use and apply sparingly with a lint-free cloth and rub in. Subsequent polishing enhances the shine.

Storage:

Cool

Colours:

Light, dark

Note:

Try PNZ-MÖBELFRISCH on an inconspicuous patch to test compatibility with the existing surface coating. Do not use for matt wood

VbF (German regulations on combustible liquids): A III

Contents:

dearomatised hydrocarbons, alcohol, natural oils

Container sizes:

100 ml and larger.



PNZ-WANDFARBE (PNZ-WALL-PAINT) on vegetable sunflower oil basis, solvent-free

Characteristics:

PNZ Wall-Paint is a solvent-free, breathe-active painting for ceiling, walls in the internal area with high cover strength and productivity. Wiping resistant in accordance with DIN 53778

Range of application:

On old and adherent wall coats of paint, mineral undergrounds as well as on ingrain wallpaper -, glass fiber -, textile and paper embossing wallpapers in the internal area applicable

Operating instruction:

Suitable undergrounds: Finery and other mineral undergrounds, textile -, glass fiber -, ingrain wallpaper and paper embossing wallpapers, gypsum plasterboards and old caked-on wall coats of paint.

Underground requirements: The underground must be drying, dust and grease-free, mineral undergrounds besides load-carrying and chemically neutrally.

Processing: The wall paint well stir up. Coat with brush or role. Do not process under 8°C.

Dilution: If necessary with water.

Pre-treatment: Sanding finery with PNZ-Barrierprimer solvent-freely pre-treat. Piercing undergrounds (e.g. water and nicotine marks, rust) likewise with PNZ-Barrierprimer solvent-freely pre-treat.

Conclusion painting: PNZ-Wall-Paint evenly and fully lay on. Usually one painting is enough. On new ingrain wallpaper and of them strongly sucking or high-contrast, dark undergrounds (e.g. gypsum plasterboards) a second painting can be necessary. Here the first painting can if necessary with approx.. 10 % water to be diluted.

Renovation: As new painting

Drying time: With 20 °C and middle air humidity drying and overlineable after 3-6 hours. Wiping resistant after approx. 1 day, washable after approx.. 4-5 days.

Consumption: 120 - 140 ml/m² for each painting on normally absorbent undergrounds.

Durability: Unopened at least 1 year durable.

Tool cleaning: Clean Immediately after use with warm water and soap, in longer work breaks keep the caper tools in water.

Contents materials: Sunflowers -, saflor -, castor-oil, modified rosin, water, titanium dioxide, Methylcellulose, emulsifying agents on vegetable basis. 100 % cobalt free

Colours: white (dull)

Storage: Well locked. Coolly however frost-protected store.

Safety reference: Keep unattainably and well locked for children.

Product disposal: Dispose no colour remainders in the waste water. Completely dried up color remainders can be supplied to the house or remainder garbage, empty buckets the plastic recycling, and/or yellow bag/ton.

Sizes : 5 litre, 10 litre and larger



PNZ-SILBERREINIGER (PNZ-SILVER-CLEANER)

Properties:

PNZ-SILBERREINIGER (PNZ-SILVER-CLEANER) is an environmentally-friendly solvent-free cleaner especially for large silver, brass and copper items, also for fittings and antiques.

Areas of use:

To clean and care for all silver items, particularly large silver items that cannot be submerged in a cleaning bath.

Instructions for use:

Apply PNZ-SILBERREINIGER with a lint-free cloth and rub in gently until silver items are clean. Finally rinse with clear water and rub dry with a soft cloth.

Storage:

Cool and frost-free

Contents:

Water, wax, natural emulsifier, thickener

Container sizes:

200 ml tub



PNZ - NATÜRLICHER KALKLÖSER (PNZ-NATURAL DESCALER)

100% biodegradable

Properties:

PNZ-NATÜRLICHER KALKLÖSER (PNZ-NATURAL DESCALER) is a odourless descaler, safe and reliable when used correctly.

Areas of use:

PNZ-NATÜRLICHER KALKLÖSER is suitable for removing limescale residues on all domestic surfaces, such as showers and tiles, as well as for all household appliances susceptible to limescale, e.g. boilers, humidifiers, coffee machines, kettles etc.

Usage:

Dilute PNZ-NATÜRLICHER KALKLÖSER with water, approx. 1 teaspoon for 0.5 litre water. Treat calcified appliances or surfaces and then rinse with clear water.

Toilets: Pour 1-2 tablespoons of PNZ-NATÜRLICHER KALKLÖSER into the toilet bowl and distribute with a toilet brush. Spray the inner edge of the bowl with the descaler solution (10g per 500 ml water). Do not inhale the spray. Clean after 1-2 hours reaction time.

Tiles: Wet the tiles and joints with water. Spray the universal descaler solution in sections over small areas. Allow to penetrate for a brief time (maximum of 1 minute) and wash off with clear water and a cloth. Repeat the treatment if necessary. Do not use on marble, limestone or enamelled surfaces.

Wash basins, showers and bath tubs: Showers consist of a large number of different materials. Take care that all these materials are acid resistant. In the case of uncertainty as to acid resistance, test cleaning should be carried out on an inconspicuous area or information should be obtained from the supplier or fitter. Spray the surface to be cleaned with descaler solution and allow to penetrate for 5 minutes. Rinse with water and then rub with a cloth. Repeat the cleaning step if necessary. Showerheads can be submerged in the descaler solution for around an hour and subsequently rinsed with cold water.

Coffee makers and household appliances: The appliance manufacturer's descaling instructions should be followed prior to cleaning. Regular descaling avoids blockages of the heating system and makes a significant contribution towards continued functionality. Dissolve 1-3 tablespoons (3 x 25 g) per litre of water. Descalce appliances using this solution according to the manufacturer's instructions. Rinse out coffee makers two or three times with water following descaling. Avoid direct contact of the descaling solution with heating rings. Wipe away limescale splashes with a wet cloth and rinse with water.

Saucepans, humidifiers, immersion heaters, boilers, flower vases and flowerpot bases, denture glasses: Use the descaler solution, slightly warmed if possible (maximum 60° C). 5 to 10 minutes, longer if applied cold, allow to penetrate and rinse with water. Repeat treatment if necessary.

Irons: Follow the manufacturer's care instructions in all cases. The flat side of the iron may be acid sensitive dependent on the type of material. Fill the descaling solution into the water tank of the cold iron (without power on). Set the selector switch to steam and place the iron flat on a collecting vessel. The solution then drops into the calcified steam compartment and flows out down through the steam openings into the collecting vessel. Rinse with water. Put some descaling solution on a damp cotton cloth and wipe the face of the iron. Rinse with water and rub dry.



PNZ - NATÜRLICHER KALKLÖSER (PNZ-NATURAL DESCALER)
100% biodegradable

Dishwasher: Add 2-4 tablespoons of PNZ-NATÜRLICHER KALKLÖSER in the cleaning agent receptacle.

Run a 60 degree wash program (without rinsing) and repeat depending on the degree of calcification.

Washing machines: Add 2-4 tablespoons of PNZ-NATÜRLICHER KALKLÖSER to the washing agent inflow.

Run a 40-degree wash program (without washing) and repeat depending on the degree of calcification.

Coverage:

dependent on the degree of calcification

Note:

Do not use with acid sensitive surfaces, such as marble, limestone, eloxised aluminium etc., risk of staining.

Keep out of reach of children. Avoid contact with skin and eyes during use.

Should PNZ-NATÜRLICHER KALKLÖSER accidentally come in contact with mucus membranes, rinse with water for at least 10 minutes.

UBA 260110021

Storage:

Cool, but frost-free.

Contents:

100% natural citric acid

Container sizes:

200 ml