

WOOD OIL_{1K}

PU-XXXX



TECHNICAL SHEET 1/5

This solvent-based oil of natural origin is intended for the finishing of new, unfinished or white-sanded parquet and other unfinished wood elements. It provides a matt finish that is resistant to wear, water and household chemicals. It is a wood impregnation.

Note: not suitable for some exotic wood species (e.g. Padouk). Always do a test.



TECHNICAL DATA

Base

Natural oil

Aspect

Light purplish brown

Dilution

White spirit TH-0030 // For porous woods (e.g. fir), a 50:50 dilution with white spirit is required as impregnation

Density

± 0.85 g/cm³

Dry matter content

± 40 %

Can be diluted with 5% white spirit

Viscosity

15 seconds

Drying time

12 hours = to apply the next coat

7 days = complete curing

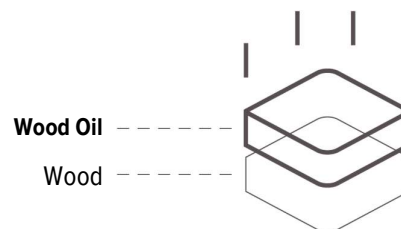
Stain resistance

Excellent

(see 'Chemical resistance' page 5)

Standard

VOC content in accordance with current European regulations (DECOPAINT)



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TECHNICAL SHEET 2/5

Iconography



Indoor

Indoor application.



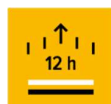
Gloss

This product maintains the unique matt appearance of your light wood floor and has a gloss level of 2.5 to 3% (at an angle of 60°).



Stir

See 'Application' on page 4 for the correct instructions.



Drying Time

The 1st impregnating layer can be covered after 12 hours. After 1st coat, sand between coats with P220 grain if the wood is rough.



Cloth

This product can be applied manually with a white cotton cloth ($\pm 20 \text{ m}^2/\text{L}$).



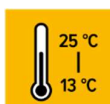
Pad

This product can be applied mechanically with a single brush with white pad ($\pm 45 \text{ m}^2/\text{L}$).



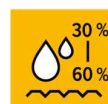
Consumption

Manually: $\pm 15 - 20 \text{ m}^2/\text{L}$ (consumption of $50 \text{ g}/\text{m}^2$).
Mechanically: $\pm 40 - 45 \text{ m}^2/\text{L}$ (consumption of $25 \text{ g}/\text{m}^2$);



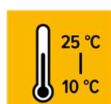
Temperature

This product can only be applied at a temperature of 13-25°C.



Humidity

This product can only be applied at a relative humidity of 30-60%.



Storage Temp.

This product should be stored at 10-25°C.



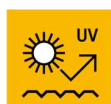
EXP Date

PU-XXXX can be used for up to 24 months without being opened.



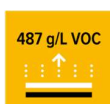
Packaging

This product is available in 0.75 L and 2.5 L as well as 13 x 0.75 L and 4 x 2.5 L cans.



UV

This oil does not change colour with light.



VOC

This product contains 487 g/L of Volatile Organic Compounds, which means that during curing there are still 487 grams of these materials emitted per litre (2010/75/EU). Product for professional use in the workshop.



Layers

This product should be applied in at least 2 or 3 coats ($50 \text{ g}/\text{m}^2$) and each coat should be wiped off with a cotton cloth. Or with a mono brush with a cotton pad.



Flammable

Caution: self-combustion of rags as this is an oxidation reaction (= exothermic reaction).

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TECHNICAL SHEET 3/5

Floor preparation

The wooden floor must be dry (wood moisture content between 8 and 10%), free of dust and residues and grease. Therefore, the floor must be completely sanded (finish with P120 grain). First, fill any joints, holes, cracks or fissures with BASIFON filling compound from the BASIN range. Then sand again (finish with P120 grain). Test before starting with the WOOD OIL treatment.

Tool preparation

It is strongly recommended to use white cotton cloths HWZ-073 or white pads HWZ-0122 with a single brush and a bucket HWZ-90814 with water.

of impregnating oil layers

For porous, exotic and/or too acidic light wood types, PU-XXXX oil can be applied directly to the raw wood (in 2 or 3 coats).

Note: Some exotic woods may have oiling problems. They should always be cleaned with INTENSIVE CLEANER AD-9300 or rinsed with THINNER TH-0609PUR. For nailed parquet, either stainless steel nails are used or these nails must be driven in and sealed with BASIFON NC-0010 or BASIFON POWDER WV-XXXX.

Stir the oil so that it does not get too deep

If the oil is not properly mixed, it will cause colour differences in the treated wood.

Manual application (minimum 2 coats)

1. Add a coat of WOOD OIL with a cloth or a single brush. Work in sections of 20-30 cm width and 80 cm length. The impregnation time can be a maximum of 10 minutes (after that the oil becomes too thick).
2. After this impregnation time, any oil that is still on the wood must be carefully removed. Excessive temperatures and the radiant heat of the sun accelerate the evaporation process of the solvent, which can have negative consequences.
3. After a drying time of at least 12 hours, apply a second coat of WOOD OIL PU-0900 transparent in the same way as the first coat.
4. Allow to harden for at least another 12 hours. After this time the floor can be used with caution. Allow about 1 week for complete hardening.

In 90% of cases, the treated wood is saturated after 2 treatments. In exceptional cases, it may not be sufficiently impregnated (extremely dry wood, underfloor heating, old or very porous wood, etc.). This can be easily seen by looking at the absorption of the oil by the wood. If the oil is absorbed during the working time, it is recommended to apply several coats until the wood has reached its saturation point.

BENEFITS

Ecological

Based on natural oil.
One component (isocyanate free).

No yellowing

The oil does not yellow over time.

High stain resistance

High resistance to water and household chemicals.

Oil shades

12 possibilities.

Certifications



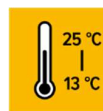
Stir



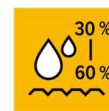
Cloth



Consumption



Temperature



Humidity



Drying



Flammable



Layers

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TECHNICAL SHEET 4/5

Mechanical application (2 or 3 coats with a single brush)

1. Pour a quantity of oil in the middle of the pad which can be immediately covered with the floor polishing machine. Apply the oil evenly with the white pad. Pour new oil evenly into the middle of the pad. Polish enough to achieve an even effect (this avoids shiny areas). Because of the high friction -which is coupled with this procedure- heat is created which allows the oil to soak into the wood even better.

2. Continue polishing until the wood is saturated throughout.

3. When the oil is no longer impregnated, residues remain in the depth of the grooves between the boards, which must be removed manually with a cotton cloth. For tinted oils, a second coat of WOOD OIL PU-0900 transparent is recommended.

4. The first coat should be allowed to dry for at least 12 hours before applying the second. After 24 hours of drying, careful traffic is possible. Complete curing after one week.

Caution! Danger of self-combustion. Under certain conditions, parquet oils can ignite spontaneously. Keep oil-soaked rags separate and soak them in water immediately after use. Dispose of them in a suitable container.

Note: For even greater strength, a layer of HARDWAX (AD- 90952) can be added.

Commissioning

After 12 hours of drying, the treated floor can be walked on with care. The maximum hardness of the product is reached after 7 days. The oiled floor cannot be covered during this period.

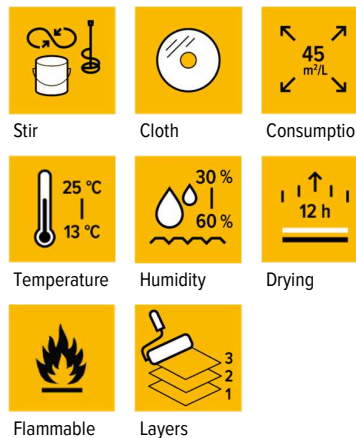
Tool cleaning

Clean tools immediately after use with thinner (TH-0609PUR) or white spirit (TH-0030). Do not empty the product into the sewer. Allow the remaining product to dry and dispose of it, together with the empty packaging, at a qualified waste disposal site.

Note: rags or other application media may self-ignite >> place used rags in a bucket of water.

Maintenance

Dry cleaning with a microfibre cloth is mandatory during the ^{first} week, until the oil is completely hardened; in this way, the dust is absorbed electrostatically. Afterwards use the WASH & WAX AD-5200 for regular maintenance. In case of stains or more thorough cleaning, use the INTENSIVE CLEANER AD-9300. See the technical data sheet of the corresponding cleaning product.



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TECHNICAL SHEET 5/5

Chemical resistance

Below you will find the results of the chemical resistance tests of WOOD OIL PU-XXXX, applied in 3 layers (80 g/m² in total), according to the European standard EN 13442. All tests are performed at a starting temperature of 20 °C.

5: No visible damage | **4:** Very slight change in colour or gloss | **3:** Slight change in colour or gloss, no change in the structure of the oil layer | **2:** Visible change in colour or gloss, no change in the structure of the oil layer | **1:** Visible change in colour or gloss, the structure of the oil layer is changed | **0:** Surface strongly changed

To reach '5' everywhere will depend on the amount of oil applied. See 'Application' page 4/5.



5
Water
24 hours



5
Detergent (10%)
24 hours



5
Acetone
120 sec



5
Ethanol (50%)
24 hours



5
Red wine
24 hours



5
Vinegar (4%)
24 hours



5
Olive oil
24 hours



5
Milk
24 hours



5
Coffee
24 hours



5
Black tea
24 hours



3
Black ink
24 hours



3
Ammonia (10%)
8 hours



PU-0900

Transparent



PU-9800

Light raw wood effect



PU-9300

Raw wood effect



PU-9010

Alpine White



PU-5280

White



PU-7047

Grey brown



PU-7305

Brown



PU-5395

Grey



PU-7930

Cathedral grey



PU-7037

Birch



PU-7583

Olive green



PU-7520

Wenge

Disclaimer

Due to the versatility of the products, application possibilities and application processes, this information is only given with the purpose to inform. It is highly recommended to check by yourself prior to performing the final works. Our experience has taught us that every user develops his own way of working. This information was provided, oral or written, on the explicit demand of the client. This information is given in good faith and based on the current experience of Basin ChemEco. There cannot be inferred by any means any responsibility on behalf of Basin ChemEco. Prices can change - the technical files can be modified by Basin ChemEco at any time without preceding inform - Basin ChemEco is not responsible for results caused by incorrect use of the product & instructions such as e.g. quantities, timing, choice of material, temperature, subsoil, influence of light etc. No guarantee whatsoever is given for a renovation.

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