

Description

SolidOil is a water-based natural effect oil for wood floorings; it is matt and has a good colour tone. It is suitable for any kind of wood.
 SolidOilNature is a water-based natural effect oil for wood floorings; it is matt and suitable for light woods or where a bleaching effect is needed.
 SolidOilLux is a water-based oil, suitable for every kind of wood.

Versions

XD 3000 SolidOil | XD 3094 SolidOilNature | XD 3070 SolidOilLux

Fields of application

They can be used either on raw wood or in order to restore already treated floors.

Main features

These are alkyd-urethane oils. They are highly resistant to wear and they have particular chemical resistances, definitely superior to other oils or waxes present on the market. They are elastic and contain small quantities of solvent. They contain no dangerous substances for people and nature. Their special UV filters make them non-yellowing and protect the natural colour of wood.

Application method

Short-haired paint roller, brush.

Product preparation

Add 5% of Solid2K hardener. For the first coat, we suggest to dilute at 5-10% with SolidLongLife or water.

Certifications or dry film features in coating system: 3 coats of SolidOil

It complies with high traffic levels according to the following standards:

- Resistance to abrasion UNI EN 15185
- Resistance to chemical agents UNI EN 13442
- Resistance to dirt UNI 9300

Chemical-physical features at 23°C

Appearance	Whitish liquid	Specific weight [g/ml]	1,01 +/- 0,03
Colour	White (variable colour)	Chemical nature	Non-yellowing urethane oil
Opacity [gloss]	XD 3000/XD 3094 5 +/- 2 XD 3070 60 +/- 10	Viscosity [s]	(23°C; DIN cup 4) XD 3000/XD 3094 16 +/- 5 (23°C; DIN cup 4) XD 3070 25 +/- 5
pH	8 +/- 1	Viscosity of catalyzed product [s]	(23°C; DIN cup 4) XD 3000/XD 3094 17 +/- 5 (23°C; DIN cup 4) XD 3070 27 +/- 5

Application features

Suggested number of coats	2 -3	Application temperature [°C]	+10 - +35
Suggested quantity per coat [g/m ²]	Min. 40; max. 80	Light foot traffic [hours]	XD 3000/XD 3094 4 XD 3070 16
Sandability of first coat [hours]	XD 3000/XD 3094 min. 4 XD 3070 24	Normal foot traffic [hours]	XD 3000/XD 3094 24 XD 3070 48
Drying time between coats [hours]	2 - 6	Livable [days]	XD 3000/XD 3094 2 XD 3070 5
Yield per two coats [m ² /L]	7-9		

Surface preparation

Carefully clean the wood surface. Plaster the grout lines with SolidFiller blended with sawdust obtained from floor sanding. Once dried, sand the raw wood (grit 100-150 suggested) and clean it from grease, wax or glue. Clean the floor with a vacuum before coating. If you paint a surface already coated, use a water insoluble stains in order to prevent the discoloration of the colour in the surface.

Application instructions

Mix it well in order to homogenize any eventual sediment on the bottom. Apply the product adding 5% of Solid2K while stirring and mixing vigorously for one minute. On dry wood and, in particular, in summer, dilute the first coat with 10% of SolidLongLife or water. Wait at least 6 hours before sanding with 220-280 grit sandpaper, or with mechanical tools with 320-360 grit sandpaper. Clean with vacuum and, then, apply the second coat adding 5% of Solid2K. If needed, apply a third coat, without sanding, waiting 2-3 hours between coats. It is possible to walk carefully on the coated surface after 16 hours. The right hardness can be reached in one week. It is preferable to wait at least 48 hours from the last coat application before furnishing the coated space.

Catalysis

After catalysis, apply the product within 4 hours maximum (3 hours during summer). After that time it is necessary to catalyse it again.

Application conditions

- *Ambient temperature.* Apply between 10°C and 35°C. The right temperature is between 15°C and 25°C.
- *Ambient humidity.* Between 40% and 80%.
- *Substrate humidity.* Minimum content allowed = 10% measured by means of hygrometer.

Suggested coating systems

In order to preserve the colour of light woods, apply two or three coats of SolidOilNature following the application instructions. On dark woods or to obtain a good wood tone, apply three coats of SolidOil or SolidOilLux following the application instructions.

Preexisting wooden surfaces

After checking the right glueing of the floor to the base, sand it in order to remove the coated or polished surface film and vacuum-clean the surface.

Cleaning of pre-finished wood floorings previously coated with SolidOilNature

- *Non-dried adhesive traces:* carefully remove the adhesive with a cleaned cloth, cotton or soft paper. If the surface looks altered, lightly dab with a cleaned cloth or with cotton, dampened with SolidClean.
- *Dried adhesive traces:* carefully remove with a nail or a piece of rigid plastic the eventual imperfections. Never use blades, metal or sharp-cornered objects. If the surface looks altered, lightly dab with a cleaned cloth or with cotton pad dampened with SolidClean. Always test previously any other cleaner in order to verify the compatibility with the wood flooring surface, using a wooden board, in order to prevent surface damages.

Tools cleaning

Clean every tool immediately after use. The product can be easily removed with water from the paint roller or the brush.

Waste disposal

Exceeding and useless material, along with washing water must be disposed of as special waste. Do not empty into drains.

Personal protective equipment

Wear protective rubber, latex or polyethylene gloves. The product can release small amounts of solvent in the air. Please, ventilate the room during the application.

Packaging

5 L tanks.

Storage

The product keeps its features throughout 18 months, if stored inside its original package, sealed, at 23°C. Do not store in damp or wet places at more than 35°C.

Packaging recycling

The plastic package must be recycled in the right dumper or recycling point (according to the local garbage collection). Please, check if the package is empty and dry, with the minimum possible product quantity inside.

Warnings

Data and information inside this technical sheet represent our current best knowledge and cannot be used as a warranty due to the diversity of materials existing on the market and the difficult monitoring of application conditions. The final user must check if the product corresponds to his own needs in relation to application tools, supports and environmental conditions of application and drying. In any case, Renner Italia S.p.A. guarantees the constant quality of its products. Renner Italia S.p.A. reserves the right to modify and update this technical sheet according to its own needs. Customers shall verify to have the updated version of this sheet.

ALWAYS CONSULT THE SAFETY DATA SHEET OF THE PRODUCT BEFORE USING IT.