



# SOLIDOIL

## XD 3000

### Description

SolidOil is a natural effect ultra matt hydro-oil, with good harmonizing power. It is suitable for all timbers.

SolidOilNature is a natural effect hydro-oil with low gloss level, suitable for light timbers whenever a bleaching effect is required.

SolidOilLux is a glossy hydro-oil for all timbers.

### Versions

XD 3000 SolidOil | XD 3094 SolidOilNature | XD 3070 SolidOilLux

### Application fields

Raw wood floorings or restoration of already treated floorings.

### Main features

These topcoats are made from urethane oils and offer excellent chemical and wear resistances higher than the conventional oil or wax treatment, available on the market. They are elastic, low in solvents and free from harmful substances for the user and the environment. Their special UV filters make them non-yellowing and allow a good protection of the natural wood colour.

### Application method

Roller, brush.

### Product preparation

Catalyse the product at 5% with Solid2K hardener. During the first coat it is recommended to dilute it 5-10% with SolidLongLife or tap water.

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

Complying with requirements for high foot traffic according to following standards:

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

### Chemical-physical features at 23°C

Look	Whitish liquid	Specific weight [g/ml]	1,01 +/- 0,03
Colour	White (variable shade)	Chemical family	Non-yellowing urethane oils
Gloss level [gloss]	XD 3000/XD 3094 5 +/- 2 XD 3070 60 +/- 10	Viscosity [s]	(23°C; DIN4) XD 3000/XD 3094 16 +/- 5 (23°C; DIN4) XD 3070 25 +/- 5
pH	8 +/- 1	Viscosity of catalysed product [s]	(23°C; DIN4) XD 3000/XD 3094 17 +/- 5 (23°C; DIN4) XD 3070 27 +/- 5

### Application features

Recommended coats	2-3	Application temperature [°C]	From +10 to +35
Recommended quantity per coat [g/m <sup>2</sup> ]	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 for two coats [m <sup>2</sup> /L]	7-9		

### **Substrate preparation**

Properly clean the wood surface. Fill the grout lines with SolidFiller filler, mixed with wood powder from the sanding of the flooring. Once dry, sand the raw wood (grit 100-150 recommended), on which there shouldn't be traces of grease, waxes or glues. Vacuum-clean the flooring before coating it. If the application is on stained material, use water-insoluble pigments to avoid the discolouration of the pigment in the substrate.

### **Application instructions**

Mix well to homogenize every product settling on the bottom. Add 5% of Solid2K to the product while stirring, mix it vigorously for one minute and then apply it. On dry wood and, in particular, in summertime, apply the first coat diluted 10% with SolidLongLife or tap water. Wait at least 6 hours before sanding with 220-280 grit sandpaper or with mechanical system equipped with 320-360 grit sandpaper. Vacuum-clean, add 5% of Solid2K to the product and apply the second coat. If required, apply the third coat without sanding after 2-3 hours from the previous one. The treated surface can be trodden carefully after 16 hours. The ideal surface hardness is reached within a week. We suggest to wait at least 48 hours from the application of the last coat before arranging furniture inside the treated space.

### **Catalysis**

The pot life of the catalysed product is max. 4 hours (3 during summertime). After that time, the product should be catalysed again.

### **Suggested coating systems**

Apply two or three coats of SolidOilNature following the application instructions, not to change the colour of light timbers. Apply three coats of SolidOil or SolidOilLux following the application instructions on dark timbers or to obtain a brightening effect of the wood.

### **Application conditions**

- *Room temperature.* Apply at temperatures between 10 and 35°C. The ideal temperature is between 15 and 25°C.
- *Relative humidity.* Ideal humidity for applying is between 40 and 80%.
- *Screed humidity.* Minimum accepted content = 10%, measured by hygrometer.

### **Already existing wood floorings**

After checking the glueing of the flooring to the screed, sand to raw wood to remove the surface layer, coated or polished, and vacuum-clean the sanding powder.

### **Cleaning of prefinished wood flooring previously treated with SolidOilNature**

- *From traces of non-hardened adhesive:* gently and completely remove the adhesive with a clean cloth, cotton wool or soft paper. If the surface looks altered, lightly dab with a clean cloth or cotton wool dampened with SolidClean.
- *From traces of hardened adhesive:* gently remove any smears with your fingernail or a hard plastic cutout. Do not use blades or sharp, metal objects. If the surface looks altered, lightly dab with a clean cloth or cotton wool dampened with SolidClean. Always test any other cleaner to check the compatibility with the wood flooring surface, using an uninstalled panel, to avoid permanent alteration of the surface.

### **Tools cleaning**

Immediately clean the tools after the use. Before the product dries, it can be removed from roller/brush with water.

### **Disposal**

The exceeding and unusable material and the washing water must be collected and disposed of as special waste. Under no circumstances may they be discharged into the drainage system.

### **Personal safety measures**

Avoid the skin contact by using latex, rubber or polyethylene gloves. Minimal amount of solvents is released into the air during the use. It is a good general practice to ventilate the room during the use.

### **Packaging**

5 L jerrycan.

### **Storage**

The product maintains its features unaffected for 18 months if stored in the original, hermetically sealed packagings at 23°C. Avoid humid spaces and temperatures above 35°C.

### **Packaging recycling**

The plastic packaging should be sent for recycling by dropping it off in the recycling bin or dumpster, or by delivering it free of charge to a separate collection point (depending on the municipal collection system). Make sure that the packaging is empty and dry, with as little product residue as possible.