



# SOLIDBASE

## XD 1061

### Description

SolidBase is a water-based 2k coating for wood floorings with high insulating power. Suitable for all timbers, exotic included. Made of acrylic polyurethane resins, it is elastic, non-yellowing and low in solvents.

### Version

XD 1061 SolidBase

### Application fields

Raw wood floorings, cork or restoration of already treated floorings.

### Main features

The special formula allows a colour brightening of the natural wood colour, usually obtained with solvent-based products. Therefore, this product is particularly suitable for coating dark timbers and exotic woods such as iroko, merbau, etc.

### Application method

Roller, brush.

### Product preparation

Catalyse the product at 10% with Solid2K hardener. During summertime, or when the wood is very dry, it is recommended to dilute it 5-10% with SolidLongLife or tap water. If necessary, add the hardener after the dilution to get a better yield of the product.

### Chemical-physical features at 23°C

Look	Whitish liquid	Chemical family	Acrylic-polyurethane aliphatic
Colour	White (variable shade)	Viscosity [s]	(23°C; DIN4) 23 +/- 5
pH	8 +/- 1	Viscosity of catalysed product [s]	(23°C; DIN4) 26 +/- 5
Specific weight [g/ml]	1,03 +/- 0,03		

### Application features

Recommended coats	1-2	Application temperature [°C]	From +10 to +35
Recommended quantity per coat [g/m²]	Min. 50; max. 120	Light foot traffic [hours]	4
Durability of blend [hours]	4 (3 in summer time)	Sandability [hours]	Min. 16
Drying time between coats [hours]	3-16	Liveable [days]	3
Yield for two coats [m²/L]	8 - 14		

### 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 10% 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 tap water. If required, apply the third coat without sanding after 3-4 hours from the previous one. The treated surface can be sanded after 16 hours with regular temperature and humidity. The maximum crosslinking is reached within a week. Wait at least 48 hours before sanding, in case of critical temperature and humidity (under 15°C and high external humidity level).

## 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

For a regular treatment of hardwoods, apply a coat of SolidBase following its application instructions. Sand with 320 grit sandpaper and apply one or two coats of the chosen Solid topcoat. On light woods, that can rise the fiber or coated with SolidZero topcoat, apply two coats of SolidBase primer with intermediate sanding following its application instructions. Sand and apply one or two coats of the chosen Solid topcoat.

## 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.

## Sanding

Sanding SolidBase, if properly dry, is very fast and easy. Fine abrasives (280-320) are recommended to avoid an excessive film removal. An excessive sanding of the primer, especially if combined with ultra matt topcoats, can develop some stains of different colour from the wood near the "strikes".

## 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.

## Tools cleaning

Before the product dries, it can be removed from roller/brush with tap 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.