

Product name : SOLIDBASE

XD 1061

Description

SolidBase is a 2k water-based coating highly insulating. It is suitable for any type of wood, exotic too. It is an acrylic polyurethane resin-based coating, elastic, not yellowing and contains small quantities of solvent. It has no dangerous substances for people and nature.

Version

XD 1061 SolidBase

Application possibilities

It can be used on raw wood, cork or in order to restore already treated floors.

Peculiarities

Thanks to its special formulation, the development of the natural colour of the wood is similar to the effect obtained with a solvent-based product. For this reason, it is suitable for dark and tropical woods coating, such as iroko, merbau, etc...

Application instructions

Short haired paint roller, brush.

Product preparation

Dilute at 10% with the hardener Solid 2k. In summer, or with really dry woods, we suggest to dilute at 5-10% with SolidLongLife or simple water. If necessary, for a better performance, we suggest to add the hardener after the dilution.

Chemical and physical characteristics at 23° C

| | |
|------------------------------------|-------------------------------------|
| Appearance | Whitish liquid |
| Colour | White-amber (variable colour) |
| pH | 8 +/- 1 |
| Specific weight | [g/ml] 1,03 +/- 0,03 |
| Viscosity | [s] (23°C; cup DIN hole 4) 23 +/- 5 |
| Viscosity of the catalysed coating | [s] (23°C; cup DIN hole 4) 26 +/- 5 |

Application specifics

| | |
|------------------------------|-------------------------------------|
| Number of layers suggested | 1-2 |
| Quantity per layer suggested | [g/m ²] min 50; max 120 |
| Duration of the blend | [hours] 4 (3 during summer) |
| Wait time between layers | [hours] 3-16 |
| Yield per coat | [m ² /lt] 8-14 |
| Slight foot traffic | [hours] 3 |
| Sand | [hours] min. 16 |
| Livable after | [days] 3 |

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 colour in order to prevent the discoloration of the surface.

Application instructions

Mix well in order to homogenize any eventual sediment on the bottom. Apply the product adding 10% 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 water.

If needed, apply a third coat, without sending, waiting 3-4 hours between coats.

The coated surface can be sanded after 16 hours, if temperature and humidity are normal. It reaches the maximum crosslinking in a week.

Catalysis

After the addition, apply it within 4 hours maximum (3 hours during summer). After that time it is necessary to prepare 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%.

Foundation humidity. Minimum content allowed = 10% measured with hygrometer.

Suggested coating systems

For a normal treatment of hardwoods. Apply one coat of SolidBase following the pertinent application instructions. Sand with 320 grit and apply one or two coats of the Solid topcoat selected. On lightwoods, that tend to attract dust, or before SolidZero application, apply two coats of SolidBase, sanding and following the pertinent application instructions. Sand and apply one or two coats of the Solid topcoat selected.

Sanding

The SolidBase sanding, if properly dried, is rapid and easy. Sand with fine grits (280-320) in order to prevent an excess of film removal. An excessive sanding of the surface, along with extra mat topcoats, could cause the formation of stains, especially on worn out surfaces.

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.

Tools cleaning

The product can be easily removed with water from the paint roll or the brush (if not already dried).

Waste disposal

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

Personal protective equipment

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

Package

0,5 L bottles.

Storage

The product keeps inhaltered its characteristics throughout 18 months if stored inside its original package, tightly closed, at 23° C. Do not store in damp or wet places at temperatures exceeding 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 experiences 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 own the updated version of this sheet.

CAREFULLY READ AND UNDERSTAND THIS TECHNICAL SHEET BEFORE USING THE PRODUCT