



TECHNICAL DATA SHEET

rev. 00 of 2010/06/09

IP 100 (binding primer)

code SO75900

TECHNICAL DATA *(based on room temperature of +23° C and 65% of relative air humidity)*

Appearance	brown liquid
Viscosity	60" ± 5" F4
Specific weight	1.16 ± 0.01 Kg/lt
Cement slab max. allowed moisture content	4 %
Recoating after / within	3 / 20 hours
Abrading after	12 - 24 hours
Foot traffic after	8-10 hours
Gluings after solvent evaporation	1 - 3 days
Coverage of the unthinned product: first coat	7 - 10 m ² /lt
second coat	12 - 14 m ² /lt
Thinning	DILUENTE PR
Max. allowed thinning rate (Dir. 2004/42/CE)	100 %
Tools cleaning	DILUENTE LAVAGGIO
VOC content	0 %
VOC content	0 g/lt
VOC limit value (Subcat. h SB Binding primers)	750 g/lt

DESCRIPTION

Multi component, hygro-hardening, polyurethane primer, water and solvent free for treating absorbent cementitious masses. This product is not inflammable, odourless, and emits low levels of volatile organic substances.

Standard packaging: 5-litre metal can.

Application tools: roller, brush.

APPLICATION FIELD

- 1) Restoring cement slabs and creating a moisture barrier prior to wood floors installation.
- 2) Dustproofing treatment for heating masses.
- 3) Dustproofing and reinforcing treatment for mechanically weak cement or anhydrite flooring.

PREPARATION OF THE SUBFLOORS

Make sure that the surfaces to be treated are clean, with no traces of oil, grease, paint, wax or silicone, nor crumbling or loose pieces. In any case it is advisable to brush with a wire brush and then to remove dust thoroughly. Any cracks must be opened and repaired using LEVELTRIS.

DIRECTIONS

1. Repairing cement sub-floors (not subject to continuous rising damp) forming a barrier before sticking parquet (maximum residual humidity: 4%).

Check the humidity in the mass using a carbide hygrometer, and make sure it does not exceed 4%.

Cut the first coat of IP 100 with DILUENTE PR thinner, in order to help its complete penetration and this way to ensure adhesion of further coats. Thinning can vary from 30% up to 100% depending on the absorbance of the slab. Slabs with high absorbance and coarse porosity need low dilutions, whereas less absorbent slabs with fine porosity need higher dilutions.

To obtain the best dampproofing result, apply IP 100 with a 5 - 10 cm overlap on the perimeter walls (where possible), so that a "basin" protection is created. The second coat must be applied evenly according to the coverage and times indicated for subsequent coats (after 3 but within 20 hours).



2. Dustproofing, reinforcing treatment for cement heating masses.

Prepare the sub-floor as indicated and check that the mass has a residual humidity of less than 0,3%.
Apply a single coat of IP 100 evenly spread.

3. Dustproofing and reinforcing treatment for cement or anhydrite flooring.

Prepare the sub-floor as indicated and check that the mass has a residual humidity of less than 2%.
Apply a single coat of IP 100 evenly spread.

LAYING PARQUET

Parquet must be laid after 1 but within 3 days. To guarantee good adhesion, sand down the surface well with 120 grain sandpaper or mesh. Alternatively, sprinkle the final layer of the primer while still wet with clean dry sand and remove any excess once drying has been completed. Bonding should be done using one of the following adhesives: E90, EPOCOL, P39, ISOCOL, ISOCOL FRONT, or PU-Z500.

NOTICE

- We recommend acclimating and applying the product at a room temperature between +10°C and +35°C with a relative humidity rate between 30% and 70%.
- IP 100 can be applied to damp (max 4%) surfaces, but not wet surfaces, and not where there is continuous rising damp.
- If skimming is necessary, do all the work using LEVELTRIS.
- To create a barrier on difficult sub-floors it is always best to do a preliminary test on a small part of the surface and check absorption of the product. To guarantee a good final result, absorption of the first coat must be complete. For compact sub-floors with very low absorption, we recommend using an SH8000 primer.
- Never allow more than 20 hours between coats. If it should occur to exceed this time limit, abrade thoroughly with #120-grit abrasive paper or screen before applying the next coat.
- Once the product has been applied, do not leave any piles of the product on the surface.
- Keep containers tightly closed.
- Any product taken to be used should not be returned to them.

For professional use only!

Dispose of excess product and empty containers properly!

If the original unopened container is stored in a cool and dry place, the product will keep for at least 8 months.

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