



Technical data sheet

PROTECTION MADE EASY

Polyfloor

Description and destination of the product

Polyfloor Primer is a one-pack polyurethane primer with good impregnation properties. **Polyfloor Primer** is very suitable for absorbing substrates such as concrete, wood and stone.

On which surfaces:

- Suitable surfaces for **Polyfloor Primer** are concrete, screed, concrete tiles, cement tiles and wood.
- Doubtful surfaces are certain tile floors (perform comparative test with two-pack floor coating **Solfix**).
- Unadequate surfaces for floor paints are fluorinated floor coatings (such as Redogrit). Apply test surface with **Solfix**.
- Surfaces that absorb soil water are not suitable.

Type of binder

One-pack moisture curing polyisocyanate prepolymers.

Colour

Colourless.

Gloss

Glossy.

Technical data

- **Density:** 0.950 (\pm 0.03) g/cm³
- **Solids content:** 34 (\pm 2) % in volume
40 (\pm 2) % in weight
- **Drying times:**

dustfree	:	½ - 1 hour
tackfree	:	1 to 4 hours
resprayable	:	if tackfree
max. waiting time	:	48 hours
- **VOC:** 571 g/L (cat. A/h)
- **Theoretical yield:** 2 to 6 m²/L, depending on the surface
The practical yield can largely be influenced by the roughness and porosity of the substrate, the applied layer thickness or the losses by airless application.

Surface preparation

The floor must be sufficiently dry and fully cured. A concrete floor must be at least 8 to 12 weeks old. All dirt, loose particles, and laitance should be removed. Oil spots should be cleaned thoroughly and repeatedly with a detergent or **Solvatane**. Especially deep oil spots that have penetrated the surface, can migrate to the surface and cause adhesion loss. Floors that have been cleaned regularly with an oil containing soap should be scrubbed thoroughly with a hot NaOH-solution.

Reparation of the holes: can be made as follows: apply a mixture of dry sand with **Polyfloor Primer** in the holes. For deep holes, a ratio of 6 parts dry sand and 1 part (volume) **Polyfloor Primer** is used. Use a ratio of 4/1 for smaller holes. Before starting the reparations, first apply an impregnation coat **Polyfloor Primer**.

Use

- Apply by brush or roller.
- **Polyfloor Primer** is low viscous and easily saturates the pores. At less porous surfaces, only a little bit of **Polyfloor Primer** should be applied (avoid high layer thickness) or the two-pack floor primer should be used.
- Clean material with **Solvatane**

Application conditions

The temperature of the surface should be at least 3°C higher than dew point, as well during application as drying of the surface. The ambient temperature should be higher than 5°C and the relative humidity should be lower than 85 %, as well during application as drying.

Storage stability

Minimum 2 year in the original, unopened packing in a dry environment at a temperature between – 20°C and +40°C.

Safety measure

For detailed information about safety measures, personal protection and transport data of this product, we refer to the safety data sheet.

The last update of our technical data sheets is always available at our website: www.libertpaints.be

Disclaimer

The information given in this technical data sheet is only a general product description, based on our experiences and tests and therefore does not represent a specific practical case. Consequently Libert Paints doesn't guarantee the functionality or result and takes no responsibility in this respect.

We advise our clients to test the applicability of the product to the nature and the state of the surfaces and to carry out the necessary representative tests in case of doubt. Please contact our R&D department as the occasion arises.

Attention: our clients should verify whether the present technical data sheet hasn't been replaced by a more recent version.