



Technical data sheet

PROTECTION MADE EASY

Solfix

Description and destination of the product

Solfix is a primer for floor systems when the substrate is not porous or less porous. After a thorough cleaning and the removal of curing compounds at aged polyconcrete, a good adherence can be obtained on these difficult substrates with **Solfix**. A test surface is always recommended.

Type of binder

Hydroxy acrylic and aliphatic isocyanate.

Type of pigment

Titanium dioxide and magnesium silicates.

Colour

White and all pastel shades from Temacolor Dispenser.

Gloss

Mat.

Technical data

- **Density:** 1.290 (± 0.05) g/cm³
- **Solids content:** 64 (± 2) % in weight
49 (± 2) % in volume
- **Potlife:** 4 hours at 20°C and for 1 L mixture
- **Drying times:**
 - dustdry : 1 ½ hours
 - tackfree : 5 hours
 - dry : 10 hours
 - recoatable : after minimum 8 hours and maximum 3 days without grinding between layers (at 20 °C)
- **VOC:** < 420 g/L (not diluted)
< 480 g/L (10 % diluted)

○ **Theoretical yield:** ± 7 m²/L

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 surface must be free of all impurities such as dirt, grease, and oil ... If it concerns old paint layers, which have to be overcoated; one first has to check whether **Solfix** will not attack these old coats. This can be tested by means of a rub-test with **Solvatane** and/or a test surface. Curing compounds on poly concrete must always be removed by track blasting. On new concrete the laitance must always be removed as follows:

- etch mechanically with diluted HCl-solution (3 L HCl-solution in 10 L water). Let corrode for 10 minutes, rinse thoroughly with water
- by track blasting

Use

It is recommended to mix the complete hardener and base content in order to avoid mixing errors, which can lead to deviating properties.

Hardener: BN467

Mixing ratio:

- 5,4/1 in volume
- 88/12 in weight

Solfix is ready for use and can be applied by brush or roller. If necessary the product can be diluted with **Thinner 1** (max 10 %). The tools can also be cleaned with **Thinner 1**.

Application conditions

Solfix must be applied on a "dry" substrate (< 5 % humidity), protected with a humidity screen. This in order to avoid adherence problems due to rising humidity. The temperature of the surface must be at least 5°C and the ambient temperature should be minimum 10°C. During application and drying, the air humidity should not be higher than 85 %.

Storage stability

Minimum 2 years in the original unopened packing stored in a dry environment at temperatures 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.