



Technical data sheet

PROTECTION MADE EASY

Durotane Primer

Description and destination of the product

Durotane Primer is an adhesion primer or impregnation coat that is used as primer for epoxy and polyurethane self-levelling systems.

The product contains no solvent and is applied by roller. Thanks to the presence of a texture grain in the paint, the adherence with the top coat (self-levelling top coat) is strengthened.

Type of binder

Bisfenol A epoxy resin in combination with modified cycloaliphatic amine.

Colour

White.

Gloss

Glossy (with texture aspect)

Technical data

- **Density:** 1.42 ± 0.05 kg/L (20°C)
- **Solids content:** 100 % in weight and volume
- **Mixing ratio:** 1/1 in volume
61/39 in weight
Mixing errors result in deviating properties and differences in gloss. Therefore we advise to mix the complete contents of base paint and hardener.
- **Potlife:** Max 40 min (20°C)
Remark: higher temperatures lead to a shorter potlife and lower temperatures lead to a longer potlife.
- **Drying times:**

dustdry	:	< 2 hours
tackfree	:	< 10 hours
dry	:	20 hours
recoatable	:	24 hours and max 36 hours (without sanding between layers)
- **VOC:** 0 g/L
- **Theoretical yield:** The yield depends on the roughness and structure of the surface and is ± 150 to 200 g/m²
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

New cement bound surfaces must be 4 to 6 weeks old and must be fully cured.

The surface must be dry (maximum 3 % humidity on the surface) and free of all possible contaminations.

As the finishing coat is a self-levelling system, the surface must always be previously track blasted in order to ensure a good mechanical adhesion of the total system.

Use

Mixing ratio (base/**Hardener for Durotane Primer Textur**): 1/1 in volume
61/39 in weight

Remark: after mixing base en hardener the product must be rolled within 40 minutes (20°C)

Mix base and hardener well before use. Preferably (for a short while) mechanically.

Durotane Primer Textur can be applied by roller (preferable the roller used for the application of the

polyurethane and epoxy coatings.

The material can be cleaned with **Thinner 60**.

Application conditions

Temperature of the surface:

- min. 3°C above dew point and,
- min. 15°C and max 30°C (also during curing the first week !!!!)

Relative humidity: min. 40 % and max. 75 %

Application temperature: min. 15°C and max. 30°C

Remark: the ambient temperature and temperature of the floor during application and during the first days of drying, must be minimum 15°C en preferably between 20-25°C so that a good curing of the coating is obtained. Too low temperatures will lead to an incomplete drying through where the polymerisation of the paint film will be insufficient which will result in lesser properties (bad mechanical properties, residual tack, blooming, ...)

Storage stability

Minimum 6 months in the original, unopened packing, stored in a dry environment at temperatures between +5°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.