

NEW

Ceresit

CL 71



UltraPox FlexPrimer

**2-component epoxy resin primer –
part of the UltraPox system**

PROPERTIES

- ▶ Easy application
- ▶ Deep penetration
- ▶ High strengthening effect
- ▶ Ensures a reliable bond
- ▶ Solvent-free

TYPICAL USES

CL 71 is used for priming absorbent and non-absorbent surfaces before applying CL 72 UltraPox FlexSeal. The primer can be used on surfaces such as concrete, cement screeds, wall plasters of mortar groups CS II to CS IV, sanded mastic asphalt screeds (indoors), tile coverings, heated screeds, chipboards, flush-jointed brickwork and floor levelling compounds. Not for use on surfaces that are constantly exposed to rear surface moisture.

SUBSTRATE PREPARATION

CL 71 adheres to all solid, load-bearing, clean and dry surfaces. Mechanically remove cement slurries and impervious, smooth surface layers. Pretreat the surface by sandblasting, grinding or milling. Concrete and cement screeds (at least 28 days old, dry, equilibrium moisture content $\leq 4\%$ and good surface key) as well as sanded mastic asphalt screeds can be primed directly. The surface strength must match the expected dynamic, static and thermal stresses. If necessary, renew the surface.

APPLICATION

CL 71 is a 2-component product supplied in a single container. Immediately before use, mix the two components A + B (resin + hardener) at a ratio of 5 : 2 parts by weight with an electric drill and spiral mixing paddle. Mix at a speed of approx. 400 rpm until a homogeneous mixture is obtained.



The mixture must be used within the pot life of approx. 30 minutes (+23 °C). Apply the mixture undiluted by means of a brush, broom or roller. Sprinkle the entire freshly primed surface with fire-dried quartz sand (grain size 0.2 – 0.6 mm, e.g. H 33). After the primer has cured, completely remove any loose sand. CL 71 can be mixed with dry quartz sand and used to fill gaps and holes. Excess material can be removed within the pot life while still fresh, e.g. with white spirit, but cured material can only be removed mechanically.

PLEASE NOTE

Use CL 71 only in dry conditions, at surface and air temperatures of +10 °C to +30 °C and below 80 % relative humidity. With non-absorbent substrates, the surface temperature must be at least 3 °C above the dew point.

- Clean the tools with solvent immediately after use.
- Pot life and curing time are temperature-dependent. Higher temperatures speed up the curing reaction and so reduce pot life while lower temperatures slow the curing reaction and hence prolong pot life.

Please also note the following technical information:

- Safety Data Sheet
- Technical Data Sheets of other Ceresit products
- Special information about GISCODE RE1 issued by the Builders Trade Association

Should you need support or advice, please consult our advisory service for architects and craftsmen.

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TECHNICAL DATA

Material base:	Epoxy resin
Colour:	Transparent
Density:	1.1 kg/dm ³
Mixing ratio:	A : B = 5 : 2 parts by weight
Compressive strength (DIN EN 196-1):	After 24 hrs: approx. 40 N/mm ² * After 28 days: approx. 85 N/mm ² *
Flexural strength (DIN EN 196-1):	After 24 hrs: approx. 20 N/mm ² * After 28 days: approx. 30 N/mm ² *
Application temperature:	+10 °C to + 30 °C
Working time:	Approx. 30 minutes.
Initial hardness:	After 24 hrs
Tensile strength:	> 2,5 N/mm ²
Chemical resistance (full cure):	After approx. 7 days
Consumption:	Approx. 300 g/m ² per coat
Shelf life:	Approx. 24 months if stored in a tightly sealed container in a frost-free and dry place. Use up opened containers as soon as possible.

Comp. A: EU VOC content limit value for this product (cat. A/i): 550 g/l (2007); 500 g/l (2010).

This product contains max. 0 g/l.

Comp. B: EU VOC content limit value for this product (cat. A/i): 550 g/l (2007); 500 g/l (2010).

This product contains max. 340 g/l

The above information, in particular recommendations for the handling and use of our products, is based on our professional knowledge and experience. As materials and conditions may vary with each intended application and thus are beyond our control, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for the intended application method and use. Legal liability cannot be accepted on the basis of the contents of this technical data sheet or any verbal advice given unless there is evidence of wilful intent or gross negligence on our part.

This technical data sheet supersedes all previous editions.

Apart from the information given in this technical data sheet, it is also important to observe the relevant guidelines and regulations of various organizations and trade associations as well as the applicable DIN standards.

All data given was obtained at an ambient and material temperature of +23°C and 50 % relative humidity unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed.



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