

PRODUCT DATA SHEET

Reference: TDS08PRCL025

PRIMER CL



Quartzline Primer CL is a filled, coloured, two-component, water-based epoxy primer. Suitable for both porous and non-porous substrates and applicable as a primer under the Quartzline Cem Lava system.

The light texture provides sufficient mechanical resistance and prevents the Cem Lava from 'rolling'. The light grey colour makes it easy to see where the primer has been applied.

APPLICATION CONDITIONS:

Substrate temperature	Minimum 5°C, maximum 30°C
Ambient temperature	Minimum 5°C, maximum 30°C
Relative humidity	< 75% R.H.
Dew point	Beware of condensation

SUBSTRATE PREPARATION:

Level the substrate using the appropriate Quartzline alpha or cement-based levelling compound.

CONSUMPTION:

The consumption of Quartzline Primer CL is 150g – 200g per m²

APPLICATION:

Mixing ratio: Component A : Component B = 100 : 12 (parts by weight).

Add component B in full to component A and mix for 2 minutes at 300–400 RPM using a Quartzline WK 90 mixing paddle until a homogeneous mixture is achieved. Transfer the mixture to a clean bucket and mix thoroughly for at least 1 minute to prevent any unmixed sections from forming on the sides and bottom of the bucket.

Up to 3% water may be added to improve workability.

Apply the primer with a Quartzline nylon roller. Ensure that the substrate is thoroughly saturated.

CHARACTERISTICS:

Water-based
Solvent-free
Good adhesion properties
Fast-drying

TECHNICAL PROPERTIES:

Density ¹ (g/cm ³)	ca. 1.95
Viscosity ² (mPa.s)	ca. 2,500
Adhesion strength ³ (N/mm ²)	> 1.5 (Concrete failure)

1 = EN 12190, 14 days / +23°C / 50% R.H.

2 = Brookfield, LV4, 30 RPM, @ 23°C

3 = EN 4624, 14 days/ +23°C / 50% R.H.

INFORMATION:

Component A: 3.35kg/6.7kg bucket, liquid, grey

Component B: 0.4 kg/0.8 kg bottle, liquid, clear transparent

Shelf life: Up to 6 months from date of manufacture in original, sealed, unopened and undamaged packaging, stored in a dry place between 5°C and 30°C.

CURING TIME:

Phase (20 °C)	Time
Pot life	30 mins
Overcoatable	1–6 hours
Fully cured	24 hours



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IMPORTANT NOTES:

- At low temperatures and/or high humidity, curing times are longer.
- Use mixed material immediately; towards the end of the pot life, the material becomes more difficult to work with.
- Do not expose Primer CL to wind or direct sunlight during application.
- Ensure adequate ventilation after application.
- Use only electrically powered hot-air fan systems.

LEGAL NOTICE:

The information and recommendations provided are based on Quartzline's current knowledge and experience when used correctly under normal conditions. Due to variations in materials, substrates and conditions, no guarantee or liability can be accepted regarding suitability or application. Quartzline reserves the right to modify product properties. The proprietary rights of third parties must be respected. All deliveries are subject to the applicable terms and conditions of sale and delivery.

VALUE BASE:

All technical data in this product data sheet are based on laboratory tests. Data may vary depending on conditions.

HEALTH AND SAFETY:

For information and advice on the safe handling, storage and disposal of chemical products, the user must consult the most recent product safety data sheet, containing information on physical, ecological, toxicological and other safety-related data.

