

PRODUCT DATA SHEET

Reference: TDS11PRGP018

PRIMER GP



Quartzline Primer GP is a filled, single-component, coloured, water-based acrylic primer suitable for non-porous substrates such as non-absorbent concrete and cement floors, existing epoxy and polyurethane systems, and vitrified or glazed tiles. It is suitable, amongst other things, as a primer for Quartzline cement and gypsum levelling mortars.

Primer GP has excellent adhesion, fast drying and an added aggregate that provides mechanical resistance. The light grey colour makes it clearly visible where the primer has been applied.

APPLICATION CONDITIONS:

Substrate temperature	Minimum 5°C, maximum 25°C
Ambient temperature	Minimum 5°C, maximum 25°C
Relative humidity	< 75% R.H.
Dew point	Watch out for condensation

SUBSTRATE PREPARATION:

The substrate must be sound, clean, dry and free from dust, oil, grease and other contaminants, with a minimum compressive strength of 25 N/mm² and an adhesion strength of 1.5 N/mm².

Mechanically prepare concrete substrates, for example by low-dust blast cleaning or grinding, to remove the laitance and create a rough, high adhesion surface. Remove weak concrete and loose particles and fill holes or voids with Quartzline Epoxygel.

CONSUMPTION:

The consumption of Quartzline Primer GP is 150g – 250g per m²

APPLICATION:

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

DRYING TIME:

Depending on the temperature, humidity and absorbency of the substrate, the drying time is 20–30 minutes at 20°C. Use a fan to speed up the drying process.

IMPORTANT NOTES:

- At low temperatures and/or high humidity, drying times are longer.
- Ensure adequate ventilation during drying; the film will not dry if the air is saturated.
- For heating, use only electrically powered hot-air fans.
- Primer GP must not be diluted with water.

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.

CHARACTERISTICS:

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

TECHNICAL PROPERTIES:

Density ¹ (g/cm ³)	ca. 1,40
Viscosity ² (mPa.s)	ca. 10.000
Solids content	ca. 67,5 %
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:

Packaging: 10 kg bucket

Form: Liquid, milky white

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

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.

