

PRODUCT DATA SHEET

Reference: TDS11CSLD013

CEMENTITIOUS SL DECORATIVE



Quartzline Cementitious SL Decorative is a cement-based self-levelling floor for aesthetic applications in layer thicknesses of 3 to 10 mm

Cementitious SL Decorative is suitable for creating coloured floor finishes. Available in virtually all RAL, NCS and Sikkens colours on request. Suitable for wet areas.

APPLICATION CONDITIONS:

Substrate temperature	Minimum 10°C, maximum 25°C
Ambient temperature	Minimum 10°C, maximum 25°C
Relative humidity	< 75% R.H.
Dew point	Beware of condensation

The temperature of the substrate and of the uncured material must be at least 3°C higher than the dew point to prevent the risk of condensation, efflorescence or laitance on the mortar surface

SUBSTRATE PREPARATION:

The substrate must be fully cured and structurally sound, free from loose particles, contaminants, cracks, bleeding and a calcium carbonate layer. It must have a minimum load-bearing capacity of 25 N/mm² and a minimum adhesion strength of 1.5 N/mm².

Fill surface defects with Quartzline Cementitious MRP or Alpha MRP, depending on the type of substrate.

For concrete and sand-cement substrates, a maximum residual moisture content of 2.5% CM applies. For a residual moisture content of up to 6% CM, apply two coats of Quartzline Primer DPM moisture barrier, followed by one coat of Quartzline Primer GP.

Always use a primer. Use Quartzline Primer Universal for porous substrates and Quartzline Primer GP for non-porous substrates.

Switch off underfloor heating at least 48 hours before, during and after installation. For new-build floors with underfloor heating, follow a start-up and cooling protocol.

APPLICATION:

6 litres of water per 25-kilogram bag of powder.

Measure out 6 litres of water using a Collomix AQiX water dosing unit or a set of scales into a clean bucket. Add one bag of Cementitious SL Decorative and mix for 3 minutes with a Quartzline DLX152 mixing paddle until a homogeneous mixture is achieved.

Pour the levelling compound onto the primed substrate and spread it with a trowel until the desired layer thickness is achieved. The trowel marks made will become visible after grinding and will remain visible in the final result.

Grind Cementitious SL Decorative after a minimum of 24 hours' drying time and then remove any dust from the floor. Next, apply two topcoats: first a coat of Quartzline Coating CSL, followed by a coat of Quartzline Coating PU MG Matt or Satin Gloss; do not apply Coating PU MG on the same day as Coating CSL.

CHARACTERISTICS:

Cement-based
Good mechanical properties
Colourfast
Solvent-free
Polymer modified
Suitable for many purposes
Fast curing and drying
Self-levelling

TECHNICAL PROPERTIES:

Density ¹ (g/cm ³)	1.6
Compressive strength ² (N/mm ²)	> 30
Flexural strength ² (N/mm ²)	> 5

1 = ISO 2811-1/+ 23°C/50% R.H.

2 = ISO 196-1/@ 28 days/+ 23°C/50% R.H.

INFORMATION:

Form: 25 kg bag, powder, off-white

Shelf life: Up to 6 months after the production date in the original, sealed, unopened and undamaged packaging, stored dry between 5°C and 30°C.

CONSUMPTION:

The consumption of Cementitious SL Decorative is 1.6 kg/m² of powder per mm of layer thickness.

CURING TIME:

Phase (20°C)	Time
Pot life	ca. 30 min
Walkable	ca. 3 hours
Can be sanded (at 3 mm)	ca. 24 hours

*The curing time strongly depends on the applied layer thickness and conditions.



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IMPORTANT NOTES:

- Do not mix with other flooring products.
- Finish the floor within 7 days to prevent crack formation.
- The substrate must be properly primed so that water remains available for the levelling compound.
- Protect freshly applied Cementitious SL Decorative from moisture, sunlight and draughts for at least 24 hours.
- Do not add any more water once the product has started to react.
- Cementitious SL Decorative can be applied in wet areas.

CLEANING / MAINTENANCE:

To ensure the long-term preservation of the floor, remove any contaminants immediately. Clean the floor regularly using suitable cleaning agents and equipment. Use lukewarm water for this.

LEGAL NOTICE:

The information and recommendations provided are based on Quartzline's current knowledge and experience regarding correct use under normal conditions. Due to variations in materials, substrates and conditions, no guarantee or liability can be accepted for suitability or application. Quartzline reserves the right to change product properties. Third-party property rights 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.