



Cemimax DL99

DECORATIVE FLOOR FINISH

Self-smoothing and levelling compound with terrazzo effect

DESCRIPTION

DL99 is a cement based leveling compound designed with terrazzo aggregate component. It has very high compressive strength up to C40. Especially suitable for high traffic, heavy wear location. DL99 is especially designed to be used as an overlayment. Available in different colors and aggregates. All in one pre-mixed in bag provides an easy and fast application on the job site.

PRODUCT PROPERTIES/BENEFITS

Plastic dry cement mortar with finely graded fillers. When mixed with water, produces a hydraulic-setting smoothing compound with good flow properties and high coverage.

COMPOSITION

Special cements, mineral fillers, polyvinyl-acetate-copolymers, flow agents and additives.

- Super smooth
- Extremely high strength of compressive and bending
- Rapid hardening – walkable from 2 hours
- Superior flow – fast application
- Flexible – hand mix or pump application
- Can be polished
- Different colors and aggregates available
- Suitable for radiant floor heating system

TECHNICAL DATA

Compressive Strength

After 1 day approx. 15MPa

After 7 days approx. 25MPa

After 28 days approx. 40MPa

Tensile Bending Strength

After 1 day approx. 5MPa

After 7 days approx. 7MPa

After 28 days approx. 10MPa

Pack-size: 20kg bag

Shelf-life: Min 12 months

Coverage: Approximately 1.7kg powder/mm/m²

Dry time: 2hrs

Working time: 20-30mins

THICKNESS

DL99 can be applied from 1.5mm to 40mm thickness in one application. DL99 is recommended to be applied from 10mm for polished use.

SUBFLOOR PREPARATION

- The substrate must be sound, free from cracks, dry, clean and free from materials which would impair adhesion.
- Test the substrate according to applicable standards and report any deficiencies.

- Brush, abrade, grind or shot-blast any weak surface sections or areas which will not accept adhesion. Thoroughly vacuum to remove loose material and dust.
- According to type and condition of the subfloor, use suitable Cemimax primer.
- Allow primers to dry thoroughly.

APPLICATION

1. Put 2.7 litres of cold clean water into a clean container. Sprinkle in the sack contents (20kg) whilst stirring briskly and mix to a thick-fluid. Lump-free consistency. Use a drill or mixer fitted with a Mixing Paddle. Do not mix too thinly.
2. Pour the mixture on the area to be applied, spread the material uniformly to required thickness using toothed rake. It is the next step to remove entranced air by particular roller.
3. Drying time at 20°C is approx 24 hours for polish.

IMPORTANT NOTES

- Minimum shelf-life 6 months in original packaging and in dry storage conditions. Tightly seal opened packaging and use the contents as quickly as possible.
- Best applied at 18-25°C, floor temperature above 15°C and relative humidity below 75%. Low temperatures and high humidity delays setting, drying and readiness for covering. High temperatures shorten the working time. Therefore use the coldest possible mixing water during the summer.
- Protect freshly smoothed surfaces from draughts direct sunlight and influences of heat.
- The product should be protected against frost and direct light during transportation, storage and application.
- Application temperature should not be lower than 5°C.

DISPOSAL

Dispose of empty packaging according to local regulations.

