

# CEMIMAX DL59 BI TURBO

**SELF-LEVELING COMPOUND** Suitable for interior application

**General-purpose, Self-smoothing and leveling compound**

## Description:

DL59 BI TURBO is a highly polymer-modified, fast-setting self-leveling compound that will accept floor covering in approximately 60 minutes. It is sufficiently dry for installation of most floor coverings as soon it is set to walk on, allowing for complete renovations in a single day.

## 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.

- Very fast drying
- Ready for floor covering installation in as little as 1 hour
- Versatile
- Applies from 1/16" (1.5 mm) to unlimited depth
- Fast strength development
- 2 hours 30Mpa compressive
- Excellent mixing properties
- Pumpable
- Very smooth surface
- Improves adhesive coverage rate

## Technical Data:

### Compressive Strength

After 2 hours approx. 30MPa

After 1 day approx. 40MPa

After 28 days approx. 50MPa

### Tensile Bending Strength

After 2 hours approx. 5MPa

After 1 day approx. 7MPa

After 28 days approx. 8MPa

Pack-size: 20kg/bag

Shelf-life: Min, 6 months

Coverage: Approximately 4-5m<sup>2</sup> at 3mm thick

Working time: 15-20mins

VOC Level: <0.5 mg/m<sup>3</sup>

Drying time: 1hr

Suitable for direct stick

## Thickness:

DL59 BI TURBO can be applied from 1.5mm to 40mm thickness in one application.

## 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, sable primer.
- Allow primers to dry thoroughly.

## Application:

1. Put 4.25-4.5 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 entrained air by particular roller.

3. Drying time at 20°C is approx 24 hours. Abrading using 40-60 grit sanding paper improves both the surface quality and the absorbency. Poor air-flow and lower temperatures will significantly affect drying times.

## 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.
- For exterior use: As long as the application follows the Cemimax's installation procedures, it is acceptable to use DL59 externally.

## Disposal:

Dispose of empty packaging according to local regulations.

