Cemimax Cemi Screed Light

Description:

Cemi screed light is a high performance light weight mortar with flow ability suitable for fast dry engineered screed installation. It is made by using high quality polymer spray dry powder resin, special cement,fine aggregates and special additives. Applying specialised research and development technology, processing and refinement in the factory. Easy to use light weight formula can be used as a bulk fill and self levelling compound. For all large scale commercial works and renovations to existing slabs where weight is a factor.

Product Properties/Benefits:

- Lightweight aggregate reduces building load
- Suitable for use as an electric heating overlay and functions as heat storage and preservation.
- Easy flow formula and quick drying time
- Advanced formula providing a crack free installation

Technical Data:

Compressive Strength

After 1 Day Approx. 15mpa

After 28 Days Approx. 30mpa

Tensile Bending Strength

After 1 Day Approx. 3mpa

After 28 Days Approx. 4mpa

Color: grey

Water / Compound Ratio: 0.18/1

Working Time: 20-30 miuntes

Pack-size: 20kg/bag

Shelf-life: Min,12 Months

Coverage: Approximately $3m^2$ at 5mm thick

VOC Level: <0.5 mg/m^3

Thickness:

Cemi Screed Light can be applied from 5mm to 100mm 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 3.6 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 adrill or mixer fitted with a Mixing Paddle. Do not mix too thinly. For best flow ability of product, mix for 3 mins.

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℃ 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 12 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℃, floor temperature above 15℃ and relative humidity below 75%.Low tempera tures 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 ℃.

Disposal:

Dispose of empty packaging according to local reglations.