

# CEMIMAX Bicomax

## Bi-Components High Performances self leveling Compound

### Description:

Cemimax Bicomax is a Bi-Components high performance self leveling compound with low odour, fast setting, fast drying, special designed for wet areas, high moisture vapor control subfloor, exterior and suitable for preparing sound internal subfloors prior to the installation of new floorcoverings.

Bicomax is particularly suitable for use over old adhesive residues (including bitumen and carpet tile tackifiers) without the need for priming. Bicomax can be used for patch filling timber floors prior to overlaying with plywood. It is suitable for use in clinical and biologically sensitive areas such as hospitals, laboratories, clean rooms etc. Bicomax mixed with set of Liquid component can be applied to suitably prepared steel decks in light to medium-duty traffic areas.

Bicomax is unaffected by moisture and is suitable for application over damp, clean, uneven concrete and sand/cement screeds, prior to application of Cemimax waterproof surface membranes or direct application. Bicomax is also suitable for use over a wide range of other subfloor types including Cemimax waterproof surface membranes, sand/cement screed, concrete, granolithic, terrazzo, asphalt, steel, old vinyl asbestos tiles, epoxy and polyurethane resins, ceramic and quarry tiles.

### Composition:

- Suitable for wet areas, high moisture vapor control, exterior
- Moisture tolerant - can be used under Cemimax waterproof surface membranes
- Can be filled up to 100mm
- Fast setting
- Excellent self-smoothing properties

### Technical Data:

#### Compressive Strength

After 1 day approx. 15MPa

After 7 days approx. 20MPa

After 28 days approx. 35MPa

#### Tensile Bending Strength

After 1 day approx. 4MPa

After 7 days approx. 5MPa

After 28 days approx. 6MPa

Pack-size: 20kg/bag & 4.4kg/Plastic drum

Shelf-life: Min, 12 months

Coverage: Approximately 5-6m<sup>2</sup> at 3mm thick

### Thickness:

Bicomax can be applied from 1mm 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, suitable primer.
- Allow primers to dry thoroughly.

### Application:

1. Put 4.4 litres of liquid 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. 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 entrapped air by particular roller.

3. Drying time at 20°C is approx 24 hours for polish.

### 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°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.

