

Cemfix Bedding

Thick-bed floor mud mortar



Description

Cemfix Bedding is a cement based thick-bed floor mud mortar especially formulated for fast installation of different types of floor covers such as terrazzo tiles, interlock and marble.

Cemfix Bedding is supplied as a dry mixed powder which needs mixing with water onsite to produce an easily workable and low shrinkage bedding mortar on horizontal surfaces.

Applications

Cemfix Bedding is suitable for using as thick-bed setting mortar on horizontal applications in residential and commercial buildings.

Advantages

- ▲ Low shrinkage and crack-free mortar.
- ▲ Good adhesion strength.
- ▲ Increases workmanship efficiency.
- ▲ Ready mixed, needs only the addition of water.
- ▲ Economical solution.

Standards

Cemfix Bedding complies with the requirements of ASTM C387 and ASTM C270 Type O,N and S.

Method of Use

Substrate Preparation

All surfaces should be clean, sound and uncontaminated prior to the application of Cemfix Bedding. The prepared area should be cleaned thoroughly by brush and/or compressed air. The prepared area should be soaked with water immediately prior to the application of Cemfix Bedding.

Mixing

To ensure proper mixing, a mechanically powered mixer or drill fitted with a suitable paddle should be used. 4.5 - 5.0 litres of clean water for each 25 kg bag or 9.0 - 10.0 litres for each 50 kg bag should be added to clean container.

Technical Properties @ w/p: 0.19

Colour:	Grey or white
Fresh wet density:	2.0 ± 0.1 g/ cm ³
Working time after mixing:	1 hr @ 25°C
Compressive strength: ASTM C109	≥ 12 MPa @ 28 days
Bond strength: EN 1542	≥ 0.3 MPa @ 28 days
VOC: ASTM D2369	≤ 5 g/ltr (complies with LEED)

The powder is then added slowly to the water while mixing continuously with low speed mixer/ drill (400 - 600 rpm)

Application

Spread to a uniform thickness of 10 - 30 mm using steel trowel and then place the tiles with firm pressure over the applied area while Cemfix Bedding is still wet.

Do not apply large areas of adhesives that cannot be covered within the open wet time of the adhesive.

Curing

The applied areas should be protected from direct sunlight and heavy wind. Curing with water is needed for at least 2 - 3 days after setting.

Cleaning

All tools should be cleaned immediately after use with fresh clean water.

Packaging

Cemfix Bedding is available in 25 and 50 kg bags.

Yield

Approximately 14 - 15 litres per 25 kg bag and 28 - 30 litres per 50 kg bag.

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Storage

Cemfix Bedding has a shelf life of 12 months from date of manufacturing if stored at temperatures between 2°C and 50°C in dry and shaded conditions.

If these conditions are exceeded, DCP Technical Department should be contacted for advice.

Cautions

Health and safety

As Cemfix Bedding contains Portland cement and sand, Cemfix Bedding may cause irritation to skin or eyes. In case of accidental contact with eyes, immediately flush with plenty of water for at least 10 minutes and seek medical advice if necessary.

For further information refer to the Material Safety Data sheet.

Fire

Cemfix Bedding is nonflammable.


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