

Cemfix Block N

Ready mixed, cementitious block mortar for bricks and blocks



Description

Cemfix Block N is a cementitious, ready mixed block mortar suitable for laying normal concrete blocks and bricks internally and externally.

Cemfix Block N composed of Portland cement, well graded aggregate and special polymers which when mixed with water produces a thixotropic mortar suitable for fixing concrete blocks and bricks, and to be used on the block walls for filling gaps.

Applications

- ▲ For permanent fixing of normal concrete blocks and bricks.
- ▲ Can be used internally and externally.

Advantages

- ▲ Ready mixed, just requires the addition of water.
- ▲ Non sag, good consistency.
- ▲ Good bond strength.
- ▲ Suitable for internal and external application.
- ▲ Shrinkage controlled, polymer modified cementitious mortar.

Standards

Cemfix Block N complies with the requirements of ASTM C270 and ASTM C387 Type N.

Method of Use

Blocks Condition

All used blocks must be checked to be clean and free from oil or any loose materials. It is recommended to wet the used blocks before the application of the adhesive, especially in hot and dry conditions.

Mixing

To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used.

4.50 - 5.00 litres of clean water for each 25 kg bag or 9.00 - 10.00 litres for each 50 kg bag should be added to clean container. The powder is then added slowly to the water while mixing continuously with low speed mixer/drill (400 - 600 rpm).

Technical Properties @ 25°C. w/p = 0.19

Colour:	Grey
Fresh wet density:	2.0 ± 0.1 g/cm ³
Skin over time:	8 min @ 20 mm thickness
Pot life:	1 - 2 hr
Compressive strength: ASTM C109/109M-02	≥ 10 MPa
Bond strength: ASTM D4541	> 0.80 MPa
Maximum aggregate size:	3 mm
VOC: ASTM D2369	≤ 10 g/ltr (complies with LEED)

Mixing time should be continued for 3 minutes until a uniform consistency is obtained.

Application

- ▲ Spread to a uniform thickness of 15 - 25 mm using a trowel.
- ▲ Place blocks firmly over the applied area.
- ▲ 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 Block N is available in 25 and 50 kg bags.

Yield

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

Don Construction Products - Jordan

Showroom (1):
Khalda Street, Al-Darraas Building # 276

Showroom (2):
AlHurriyah Street, Near Alhamaidah Circle,
Building # 66



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Storage

Cemfix Block N has a shelf life of 12 months from date of manufacture if stored at temperatures between 2°C and 45°C in dry conditions.

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

Cautions

Health and Safety

As Cemfix Block N contains Portland cement and sand, Cemfix Block N 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 Block N is nonflammable.

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Note:

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