

CIKOblock fill

Smart Chemical Solution



Filling grout for concrete masonry units

Description

CIKOblock Fill is a pre-blended mix containing cementitious materials, graded aggregates and polymer additives for improved workability. It is particularly designed to fill masonry cavities.

Properties

- Requires only addition of water on site
- Quality controlled
- Consistent performance
- Increased productivity
- No admixtures required

Physical properties

Composition	Cement,graded sand,additives
Appearance	Grey powder
W/P ratio	0.1-0.12
Wet Density	2.00 ± 0.05 kg/L
Grain size	Up to 5mm
Consistency	Pourable
Compressive strength	25 MPa at 28 days

Yield

A 50 kg bag mixed with the W/P ratio limit will yield to 27 to 28 Liters of fresh mortar.

Application instructions

Mixing

CIKOblock Fill is a ready to use material and only addition of 5 to 6 litres of chilled water is required for mixing each 50 kg bag of material. Dispense CIKOblock Fill slowly into the mixing vessel containing measured water and start mixing using a heavy duty slow speed drill-paddle assembly. Mix the mortar for 3 to 5 minutes to get a homogenous and lump free mixture.

Surface preparation

Clean the block surface to remove loose and unsound material by means of water blasting or any suitable means to attain a sound surface. The acceptable surface should be free from traces of oil, grease, curing compounds or any other contaminations.

Soaking

Prior to grouting, damp continuously or soak the blocks with water. Just before grouting, remove water completely by mechanical means or by using sponge so that the surface is free from standing water.

Placing

Transport CIKOblock Fill grout from the mixer to the point of deposit in the grout space as rapidly as practical by suitable means and methods. Place the grout into cores of masonry making sure to completely fill all voids.

Ideal application temperature is between 5°C and 35°C.

Curing

CIKOblock Fill grout has to be cured with water for at least 3 days by spraying 3 to 4 times daily. Curing should start the next day from application.

Packaging

CIKOblock Fill is available in 50 Kg bags.

Storage

CIKOblock Fill shall be stored in dry condition, away from humidity, protected from extreme temperatures and direct sunlight. Ideal storage temperature is between +5°C and +35°C.

Health & safety

Use standard dust mask to avoid inhalation of dust. Powder when wet or moist can cause burns to skin and eyes which should be protected during use. If comes in contact with skin/eyes, flush with plenty of fresh water and seek medical advice.

Refer Material Safety Data Sheet for further details.

Shelf life

CIKOblock Fill has a shelf life of 12 months if stored in accordance with CIKO storage instructions.

Technical Support

For further technical support, do not hesitate to contact CIKO team at any time as CIKO offers on and off site services to end users, specifier and contractors.

More from CIKO Middle East

A wide range of construction chemical products are manufactured by CIKO Middle East which includes:

- *Concrete admixtures and additives*
- *Waterproofing and damp proof coatings*
- *Surface treatments*
- *Flooring and toppings*
- *Grouts and anchors*
- *Tile adhesives and grout*
- *Concrete repair materials*
- *Adhesives and bonding agent*
- *Protective coating*
- *Joint Sealants and Moulding compounds*
- *Ancillaries*

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Note: The information presented herein based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control

