

Probuild BM200

Masonry construction void filling grout



Description

Probuild BM200 is a dry, preblended mix containing cementitious materials and dried aggregates. It is formulated to provide superior grout to fill masonry voids and meets ASTM C476 requirements for reinforced masonry construction.

Applications

- ▲ Bond adjacent masonry units and steel reinforcement.
- ▲ Fill reinforced bond beams in masonry construction.
- ▲ Produce a structural bearing wall system when used in conjunction with steel reinforcement.
- ▲ Fill hollow block joints in masonry construction.

Advantages

- ▲ Quality controlled preblended mixes conforming to ASTM C476.
- ▲ Available in a wide range of colours.
- ▲ Excellent physical properties.
- ▲ Low permeability.
- ▲ Easy to use, requires only the addition of mixing water.
- ▲ Flowable self consolidating consistency able to fill any void easily.

Standards

Probuild BM200 complies with the requirements of:

- ▲ ASTM C476 standard specification for Fine Grout masonry.
- ▲ ASTM C387 as mortar for unit masonry Type M, S and N.
- ▲ ACI 530.1 Specification of Masonry Structures.

Method of Use

Use a mechanical batch mixer to ensure homogeneity, workability, and good board life. Add 3.2 - 3.3 litres of clean water for every 25 kg bag.

Mix for 5 minutes prior to placement, Probuild BM200 may be used in both low-and high-lift applications, placement can be made by hand or using mechanical pumping equipment.

Technical Properties @ 25°C. w/p = 0.13

Fresh wet density:	2.0 ± 0.1 g/cm ³
Pot life:	1 hr
Setting time: ASTM C403	7 - 9 hrs
Slump: ASTM C143	205 ± 2 mm
Compressive strength: ASTM C109	≥ 19 MPa @ 3 days ≥ 40 MPa @ 28 days
VOC:	< 5 g/ltr

Maintenance

Properly mixed and installed masonry units and mortar require little maintenance. Depending on service conditions, masonry walls may require periodic cleaning and tuckpointing.

Packaging

Probuild BM200 is available in 25 and 50 kg bags.

Yield

Approximately 13.5 - 14.5 litres per 25 kg bag.

Storage

Probuild BM200 shelf life is 12 months from date of manufacture if stored in original closed packs in shaded temperature controlled conditions.

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

Cautions

Health and Safety

In case of contact with eyes wash immediately with plenty of water and seek medical advice promptly.

For further information refer to the Material Safety Data sheet.

Probuild BM200

Fire

Probuild BM200 is nonflammable.

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Note:

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