



Maxi-Mix Inc.

**COARSE MASONRY GROUT  
DIVISION 4**

**TECHNICAL DATA  
FEBRUARY 2015**

**25 MPa MASONRY GROUT (COARSE)**

Maxi-Mix Coarse Grout is a pre-blended mixture of Portland cement, sand and gravel. It is available in bulk or small bags. It is a specially formulated mix that conforms to the CSA A 179- 14 Standard and is designed for the core filling of concrete block. It is computer weighed and batched to meet the demands of the architects, engineers and masons.

**USES**

Suitable for filling the cores of concrete block, in spaces greater than 2” x 2”, bond beams and door frames and all structural core fill.

**MIXING PROCEDURES**

Bulk -Maxi-Mix Built-In Auger Silo – refer to “Start up Procedures” on website.

Bulk – Mason’s Mixer- add sufficient water prior to dispensing dry grout into mixer. Add water and dry grout to be sufficiently fluid to fill completely all voids.

200 mm (8”) – 275 mm (11”) slump.

Bags – Add approximately 5.4 liters (1.2 US gal) per 66 lb bag. Place 75% of water into empty mixer. Slowly add dry premix. Mix for 6 -10 minutes .Add water to reach desired pourable consistency.

**APPLICATION**

Once pre-blended grout mix is blended with sufficient water to a flowable consistency, grout may be pumped or poured in place.

Note: Grout mixed from small bags or mixed bulk using a conventional mixer or using the Maxi-Mix built-in mixer should be used and placed within 30 minutes after mixing.

**COVERAGE**

One ton of Maxi-Mix premixed grout will fill approximately 55 -70 concrete blocks (8”) double cores.

A 66 lb premixed bag will yield approximately 2 -3 concrete blocks (8”), double cores.

**SAFETY**

Maxi-Mix Coarse Grout is corrosive and may cause skin and respiratory system irritation. Wear rubber gloves, safety glasses and NIOSH approved respirators (N95 rating or greater) for dust, specifically when using the product from a bulk silo gravity operation using a mechanical mixer. Refer to the MSDS and Safety on our website at [www.maximix.ca](http://www.maximix.ca)

**WARRANTY**

Maxi-Mix guarantees that this product will perform as specified in this technical data sheet and suits the application for which it was intended. Nonetheless, Maxi-Mix does not offer any explicit or implicit warranty since it cannot control application methods and/or field conditions. Under this warranty, Maxi-Mix’ responsibility is limited to either replace or refund the cost of the product proved defective.

**PROPERTY SPECIFICATIONS  
CSA A 179 -14**

	7 day	28 day
Compressive Strength (min)	7.5 MPa	12.5 MPa

Note: based on a 200 mm – 275 mm slump

**\*\*\*\*IMPORTANT\*\*\*\***

Because of moisture absorption into the surrounding masonry, the in-wall compressive strength for grout is generally about 50% higher than the compressive strength indicated for grout of the same type that experiences no moisture loss when cast in non-absorbent cylinders, the minimum average 28 d compressive strengths above are recognized by CSA S304 and lead to satisfactory structural performance.