

## **12.5 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 a minimum 12.5 MPa Coarse grout at 28 days. It is computer weighed and batched to meet the demands of the architects, engineers and masons.

### **USES**

#### **SUITABLE FOR**

- 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.

##### **Mason's Mixer**

Add sufficient water prior to dispensing dry grout into mixer. Add water and dry grout to desired quantity and consistency in the range of a 200 mm (8") – 275 mm (11") slump.

#### **BAG**

Add approximately 5-7 liters (1.3 US gal-1.8 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.

# 12.5 MPA MASONRY GROUT (COARSE)

## 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 NOTE

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.

### 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 SDS sheets on our website at [www.maximix.ca](http://www.maximix.ca).

### WARRANTY AND DISCLAIMER

Maxi-Mix warrants that this product meets the specifications noted in this technical data sheet at the time of manufacture. Since the application methods and field conditions are outside Maxi-Mix's control, no other warranties, express or implied, including warranties of merchantability or fitness for a particular purpose, are given. Maxi-Mix's responsibility is limited to either replace or refund the cost of any product which is proved not to meet the specifications.

The information, applications instructions and recommendations provided herein are based on Maxi-Mix's knowledge of the products when properly stored, handled and applied under normal conditions, and are believed to be accurate, but no warranties, express or implied, are made or should be inferred with respect thereto.

Users should test this product to determine acceptability and suitability for their own intended use.