



**MAXI-BOND** DIVISION 4  
POLYMER MODIFIED MORTAR

# MAXI-BOND THIN VENEER MORTAR

Maxi-Bond is a premixed polymer modified mortar needing only the addition of water. It provides superior bond specifically designed for use with thin veneer stone and brick. It is available in bulk or small bags 30 kg (66 lb). It is a specially formulated mix that exceeds ANSI A118.11 and ANSI A118.4. The mix is computer weighed and batched to meet the demands of the architects and the applicator.

## USES

### SUITABLE FOR

- Suitable for laying thin stone and brick against a variety of substrates, including embedded wire mesh/plywood, plywood\*, cement board, concrete block and concrete walls.

\* Interior Use Only.

## MIXING PROCEDURES

### BAG

Use a mechanical mixer, paddle or spiral, or an electric drill with paddle. Add approximately 4.5 liters (1.2 US gal) per 66 lb. bag. Place 4.0 litres (1 US gal) into running mixer and slowly add 66 lb bag of Maxi-Bond. Add remaining water to desired consistency. Mix for approximately 6-8 minutes, allowing for the sand particles to be coated.

## PACKAGING

30 kg (66 lb) bag.

# MAXI-BOND THIN VENEER MORTAR

## PROPORTION SPECIFICATIONS ASTM C270

Portland Cement Type 1	ASTM C150	1 part
Hydrated Lime Type S	ASTM C207	1/2 part
Mason Sand	ASTM C144	4.5 parts

## PROPERTY SPECIFICATIONS ASTM C270

Average Compressive Strength at 28 days, min.	1800 psi
Water Retention, min.	75%
Air Content, max.	12%

## PHYSICAL PROPERTIES

ANSI A 118.11	ANSI A 118.4	SHEAR STRENGTH PSI
Mosaic Tile 7 Days	Mosaic Tile 7 Days	> 200
Glazed Tile 7 Days	Glazed Tile 7 Days	> 300

## APPLICATION

**Note:** Mortar should be used up within 1 ½ hours following mixing if temperature is equal to or higher than 25 °C (77°F). If temperature is lower than 25°C (77°F), use within 2 ½ hours. Discard unused mortar.

## COVERAGE (ESTIMATED YIELD)

A 30 kg (66 lb) bag will cover:

SCRATCH COAT — 3/8"	17 FT <sup>2</sup>
VENEER BOND COAT — 3/8"	19 FT <sup>2</sup>

## SAFETY

Maxi-Bond Polymer Modified Mortar 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.

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.