



Maxi-Mix Inc.

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

**TECHNICAL DATA
NOVEMEBR 2017**

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 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

PACKAGING

30 kg (66 lb) bag

MIXING PROCEDURES

Bags – 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.

PROPERTY SPECIFICATIONS

CSA A179-14.

	LAB	JOBSITE
COMPRESSIVE STRENGTH (MIN)		
7 Days	7.5 MPa	5 MPa
28 Days	12.5 MPa	8.5MPa

FLOW	100-115%	130-150%
AIR CONTENT	<18%	
WATER RETENTION	>70%	

PHYSICAL PROPERTIES

ANSI A118.11	ANSI A 118.4	SHEAR STRENGTH PSI
Mosaic Tile 7 day	Mosaic Tile 7 day	>200
Glazed Tile 7 day	Glazed Tile 7 day	>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 ft²
Veneer Bond Coat – 3/8”	19 ft²

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 and Safety on our website at 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.

8105 Esqueing Line, Milton, ON, L9T 2X9, Tel: 888-822-3777: Fax: 905-876-0511

www.maximix.ca