



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.

**PROPORTION SPECIFICATIONS  
ASTM C270**

Portland Cement Type 1	ASTM C150	1 part
Hydrated Lime Type S	ASTM C207	½ part
Mason Sand	ASTM C144	4.5 parts

**PROPERTY SPECIFICATIONS  
ASTM C270**

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

**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:**

<b>Scratch Coat – 3/8”</b>	<b>17 ft²</b>
<b>Veneer Bond Coat – 3/8”</b>	<b>19 ft²</b>

**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](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.