Superior Adhesion. Highly Durable.

SPEC MIX® Adhered Veneer Mortar (AVM) is a specially formulated mortar for use in the installation of thin veneer masonry units. It contains an optimal blend of dry cementitious materials, masonry sand, and performance enhancing admixtures specifically designed for use as a scratch coat, bond coat and joint grout for thin veneer masonry units. It is formulated as a cohesive material with consistent workability, high water retention and excellent bond strength. The final wall system will produce a non-load bearing, aesthetically pleasing exterior veneer or interior finish on concrete or masonry walls, stud walls or metal buildings.

SPEC MIX AVM meets the requirements of ASTM C 270, ASTM C 1714, and CSA A179 for Type S mortar including TMS 402/602 shear strength requirements. SPEC MIX AVM has been rigorously tested to reduce “pop-offs” and contractor call-backs to repair adhered veneer failures common with standard mortars. SPEC MIX AVM is available in standard and custom colors.

SPEC MIX Adhered Veneer Mortar is acceptable for use in the installation of thin masonry veneer in all types of construction: concrete, masonry, wood frame or steel studs. Submittals are available upon request for certification to applicable ASTM, TMS, and CSA standards.
ADHERED VENEER MASONRY MORTAR

INSTALLATION/APPLICATION
SPEC MIX Adhered Veneer Mortar should be installed in accordance with the provision of the local building codes. It should also be installed in accordance with the instructions and requirements provided by the producer of the manufactured stone or brick. Prior to installation, all surfaces should be cleaned before applying mortar. A water-resistant barrier should be applied to surfaces other than concrete masonry.

Using a trowel, apply SPEC MIX Adhered Veneer Mortar ½ inch to ¾ inch (13 mm to 19 mm) thick to surface making sure to embed the mortar into the wire lath. Before the mortar begins to harden, use a notched trowel to “scratch” the mortar surface. Coat the back of each unit with mortar and press it firmly into place until the excess material extrudes from the sides of the unit. Once all units are in place, fill each joint with Adhered Veneer Mortar by using a grout bag, trowel and a tuckpointing tool or gun. Alternatively, the units can be applied to a scratch coat that has been cured. Mortar shall be used and placed in final position within 2.5 hours after initial mixing or discarded at that time. Whenever possible, do not retemper colored SPEC MIX Adhered Veneer Mortar by adding additional water; retempering may affect color consistency. SPEC MIX products must be kept dry, covered and protected from weather and other damage.

SIZES AND EQUIPMENT
SPEC MIX Adhered Veneer Mortar is available in 80 lb (36.2 kg) packages for easy hand loading or in 3,000 lb (1,360.7 kg) reusable bulk bags to be used with the various SPEC MIX silo systems. When using the silo system, once the bulk bags of mortar are delivered to the project site, the portable silo is loaded with a jobsite forklift and the product is dispensed into a mechanical batch mixer.

MIXING INSTRUCTIONS
WEAR IMPERVIOUS GLOVES, such as nitrile.
1. Mixing is best accomplished by using a mechanical mixer to ensure optimal workability and performance.
2. Use clean, potable water; add the amount of water consistent with optimum workability which provides adequate water to satisfy the initial rate of absorption of the masonry units.
3. Mixing times are four to five minutes when using an mechanical batch mixer and should be held consistent from batch to batch.

28 DAY TEST RESULTS

<table>
<thead>
<tr>
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<th>ASTM C 482 Bond Strength</th>
<th>TMS 402/602 Requirement</th>
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<tbody>
<tr>
<td>Manufactured Thin Stone</td>
<td>151 PSI (1 MPa)</td>
<td>50 PSI (0.3 MPa)</td>
</tr>
<tr>
<td>Natural Thin Stone</td>
<td>127 PSI (0.8 MPa)</td>
<td>50 PSI (0.3 MPa)</td>
</tr>
</tbody>
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ESTIMATED YIELDS

<table>
<thead>
<tr>
<th></th>
<th>80 lb Bag</th>
<th>3,000 lb Bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scratch Coat</td>
<td>20 to 23 ft² (1.8 to 2.1 m²)</td>
<td>750 to 860 ft³ (69.6 to 79.8 m³)</td>
</tr>
<tr>
<td>Bonding Coat</td>
<td>24 to 26 ft² (2.2 to 2.4 m²)</td>
<td>900 to 975 ft³ (83.6 to 90.5 m³)</td>
</tr>
<tr>
<td>Joint Grout</td>
<td>38 to 40 ft² (3.5 to 3.7 m²)</td>
<td>1,425 to 1,500 ft³ (132.3 to 139.3 m³)</td>
</tr>
<tr>
<td>Full Installation</td>
<td>13 to 15 ft² (1.2 to 1.3 m²)</td>
<td>485 to 560 ft³ (45 to 52 m³)</td>
</tr>
</tbody>
</table>

Note: The yields given above are approximate and depend on labor practices, site conditions and design of work. Yields include typical waste. Please contact your local representative for more specific yield information in your area.

LIMITATIONS
SPEC MIX Adhered Veneer Mortar should be installed in accordance with the provisions of the local building code and applicable ASTM standards. Good workmanship coupled with proper detailing and design assures durable, functional, watertight construction. Follow proper cold-weather and hot-weather masonry procedures at temperatures below 40 °F (4 °C) or above 100 °F (38 °C) respectively.

LIMITED WARRANTY
IN THE UNITED STATES
NOTICE: Obtain the applicable LIMITED WARRANTY at www.specmix.com/product-warranty or send a written request to SPEC MIX, LLC, Five Concourse Parkway, Atlanta, GA 30328, USA.
AVIS: Obtenha la GARANTÍA LIMITADA correspondiente en www.specmix.com/product-warranty o envíe una solicitud por escrito a SPEC MIX, LLC, Five Concourse Parkway, Atlanta, GA 30328, USA.

IN CANADA
NOTICE: Obtain the applicable LIMITED WARRANTY at www.specmix.com/product-warranty or send a written request to SPEC MIX, LLC, Five Concourse Parkway, Atlanta, GA 30328, USA.
AVIS: Obtenez la GARANTIE LIMITÉE applicable sur www.specmix.com/produit-garantie. Ou envoyez une demande écrite à SPEC MIX, LLC, Five Concourse Parkway, Atlanta, GA 30328, USA.

TECHNICAL SUPPORT
- CONTACT YOUR LOCAL SPEC MIX® MANUFACTURER
- VISIT WWW.SPECMIX.COM
- CONTACT SPEC MIX®
PHONE: 888-773-2649 FAX: 651-454-5315

1230 EAGAN INDUSTRIAL RD, STE160, EAGAN, MN 55121 T 888-773-2649 F 651-454-5315 WWW.SPECMIX.COM
SPEC MIX PRODUCTS ARE PRODUCED BY ITS MANUFACTURING FACILITIES THROUGHOUT THE U.S. AND CANADA. EACH MANUFACTURER ADHERES TO A STRICT QUALITY ASSURANCE PROGRAM TO ENSURE COMPLETE QUALITY CONTROL IN EVERY BATCH.
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