Great Compaction. High Strength.

SPEC MIX® Setting Bed Mortar is specifically engineered as a thick, solid mortar bed for constructing horizontal surfaces with natural and manufactured paving units. This dry preblended mortar contains cementitious materials and dried aggregates that are mixed with a low water addition rate for a zero-slump dry pack base material. Now contractors have high quality, consistent bedding materials that increase daily productivity—EVERY TIME!

SPEC MIX Setting Bed Mortar can be used as a paving unit base for residential and commercial paving unit applications. It can be used for interior and exterior installations allowing light, medium or heavy traffic.

SPEC MIX Setting Bed Mortar is produced under strict manufacturing standards supported by complete quality control measures. A digital printout displaying the proper proportions per batch may be kept as a permanent record. Submittals are available upon request for certification.
SETTING BED MORTAR

INSTALLATION/APPLICATION

SPEC MIX Setting Bed Mortar should be applied in accordance to ANSI 108 installation procedures and local building codes. SPEC MIX Setting Bed Mortar is to be mixed to a zero slump consistency (dry pack) for setting bed applications.

Over Concrete Slab: Damper and clean the concrete surface prior to application of cementious bonding coat, making sure that the concrete slab is free of standing water. Before placing mortar bed, apply a thin, continuous coat of pure portland cement slurry on the concrete surface or dust a thin layer of dry portland cement on the concrete and wet it. Broom the pure portland cement slurry or the wetted portland cement dust to completely coat the concrete surface with a thin and uniform coating. Immediately apply dry pack consistency mortar bed over the pure cement coating. Firmly tamp and screed mortar bed. Mortar bed thickness shall be a nominal 1-1/4 inches (32 mm).

Over Cleavage Membrane: Place a cleavage membrane over the substructure, laid at least 4 inches (100 mm) at joints, except when a waterproof membrane installed by others is already in place. Place setting bed mortar with wire reinforcing over the cleavage membrane. Lap reinforcing at least one full mesh and support so that reinforcing shall be suspended in the mortar bed. Reinforcing shall not butt against vertical surfaces. Place, tamp firmly and screed setting bed mortar. Mortar bed thickness shall conform to ANSI A108.01-2.6.1.4 (see chart) except for countertops and shower receptors (Follow ANSI A108.02-3.6). Lap reinforcing at least one full mesh and support so that reinforcing shall be suspended in the mortar bed. Reinforcing shall not butt against vertical surfaces. Place, tamp firmly and screed setting bed mortar. Mortar bed thickness shall conform to ANSI A108.01-2.6.1.4 (see chart) except for countertops and shower receptors (Follow ANSI A108.02-3.6)

SIZES AND EQUIPMENT

SPEC MIX Setting Bed 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 job site 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 enough water to create a zero-slump, dry pack consistency. Product should retain shape when compressed by hand.
3. Mixing times are four to five minutes when using a mechanical batch mixer and should be held consistent from batch to batch.
4. Maintain the same mixing procedures to maintain consistency throughout the project.
5. Hand mix Setting Bed Mortar only with written approval by the specifier who should outline procedures.
6. Use Setting Bed Mortar within 2.5 hours after initial mixing.
7. Retemper Setting Bed Mortar only when mixing water is lost due to evaporation.

LIMITATIONS

SPEC MIX Setting Bed Mortar should be installed in accordance with the provisions of the local building code and applicable ANSI 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.

ESTIMATED YIELDS

<table>
<thead>
<tr>
<th>Bed Depth</th>
<th>Approximate Yield / Bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 in (5.1 cm)</td>
<td>300 lb (1,360.7 kg)</td>
</tr>
<tr>
<td>2-3/4 in (7.6 cm)</td>
<td>100 lb (454 kg)</td>
</tr>
<tr>
<td>3 in (7.6 cm)</td>
<td>75 lb (340.2 kg)</td>
</tr>
</tbody>
</table>

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.

AVISO: Obtenga 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