Super Cement Sanded
Portland Cement-based Scratch and Brown Plaster

Product Description
Super Cement Sanded Scratch and Brown is a factory prepared blend of portland cement complying with ASTM C150, sand and proprietary ingredients that increase the workability and early strength of the product. Super Cement Sanded is an excellent alternative to potentially inconsistent field mixed portland cement-based scratch and brown plaster. Super Cement Sanded is available either fibered or non-fibered.

Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Factory Blended</td>
<td>Batch to batch consistency; add only water</td>
</tr>
<tr>
<td>Proprietary Mixture</td>
<td>Increased early strength and workability</td>
</tr>
<tr>
<td>Eliminates Lime</td>
<td>Cost savings and reduced inventory</td>
</tr>
<tr>
<td>Pumpable</td>
<td>Increased productivity; reduced labor costs</td>
</tr>
<tr>
<td>Less Alkali</td>
<td>Reduced efflorescence</td>
</tr>
</tbody>
</table>

Basic Uses
Super Cement Sanded is designed for use in the production of portland cement-based scratch and brown plaster in accordance with Section 2512 of the International Building Code or ASTM C926. It is an acceptable alternative when portland cement with Gibco or lime is specified.

Area of Use
Super Cement Sanded may be applied to the following substrates:
1. Approved lath
2. Masonry
3. Poured-in-place and/or tilt-up concrete
4. Other approved cementitious substrates

Optional Product Upgrades/Enhancements

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>BENEFIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-FX Admix</td>
<td>Liquid admix to reduce efflorescence</td>
</tr>
<tr>
<td>AkroLoc/PolyLoc/Admix 500</td>
<td>Liquid admixtures that reduce cracking and increase tensile, bond, and flexural strengths</td>
</tr>
<tr>
<td>OmegaCure</td>
<td>Liquid accelerator to improve hydration, increase early strength/hardness, and allow cold weather application</td>
</tr>
<tr>
<td>Crack Isolation System</td>
<td>Supplementary system designed to mitigate surface cracking in new and existing plaster systems by integrating woven fiberglass mesh into the base coat or brown coat prior to applying the finish</td>
</tr>
</tbody>
</table>

Coverage
Approximately 2.2yd² to 2.5yd² (1.8m² to 2.1m²) per 80lbs at 3/8” thick. Coverage may vary due to ambient air temperature, surface temperature, surface porosity, mixing, and or application techniques.

Packaging
80lb (36.2kg) bags
3000lb (1360kg) super sacks

Storage
1. Store components in a cool, dry location.
2. Store away from direct contact with ground and/or concrete.
3. Store out of direct sunlight.
4. Protect bags from weather and other damage.

Shelf Life
1 year

Color
Natural grey
Application Instructions

Surface Preparation

Solid Substrates
For solid substrates, such as concrete or masonry, surfaces to receive application must be structurally sound, clean and free of debris, dirt, dust, efflorescence, grease, oils, curing agents, and cleaning solutions. Repair cracks with the appropriate patching material for the existing substrate as needed. Bonders or admixtures may be required to ensure proper adhesion.

Framing
Ensure substrates, water-resistant barrier, and lathing have been installed and inspected as required by Omega Product’s literature and local building codes as applicable.

Mixing
For additional mixing instructions refer to ASTM C926.
1. Add a sufficient amount of potable water to the mixing apparatus.
2. Add Super Cement Sanded to mixer.
3. Mix Super Cement Sanded for 3 to 5 minutes.
4. Stop mixer and allow the material to take its initial set.
5. Material may be retempered once adding only enough water to reach the desired consistency.

Application

Omega Super Cement Sanded can be hand troweled or machine applied. Apply per IBC section 2510, ASTM C926, or as follows:

Over Lath
1. Scratch Coat: Apply the mixed Super Cement Sanded to a nominal thickness of 3/8”.
2. Brown Coat: Once the scratch coat has sufficient strength to hold the brown coat, apply the mixed Super Cement Sanded to a nominal thickness of 3/8”.
3. Rod and screed to achieve a uniform surface.
4. Float the freshly applied Super Cement Sanded to prepare surface for finish.

Over Masonry or Cementitious Substrates
1. Ensure surface is structurally sound and properly prepared to ensure bonding. Use of bonding agent may be necessary.
2. Apply the mixed Super Cement Sanded to a maximum of a 1/2”.
3. Rod or screed to achieve a uniform surface.
4. Float the freshly applied Super Cement Sanded to prepare surface for finish.

NOTE: All coats must be applied with sufficient material and pressure to ensure tight contact and complete coverage of the base, to a nominal thickness.

Curing

Provide sufficient moisture in the plaster mix or by moist or fog curing to permit continuous hydration of the cementitious materials. The length of time and most effective procedure for curing will depend on climatic and job conditions. Product should fully cure in 7 to 28 days following application. Curing time may vary due to ambient temperature, surface temperature, surface porosity, application methods, and/or thickness of material. All freshly applied material must be protected by an approved protective system from inclement weather until material has sufficient strength not to be damaged.

Limitations

DO NOT apply product when the ambient and surface temperature is below 40°F (4°C). The ambient and surface temperature must maintain the above requirements until material has sufficient strength not to be damaged (See CURING). Material that is allowed to freeze may suffer irreparable damage.

DO NOT add any other materials to the mixture of the product without written approval from Omega Products International.

DO NOT deviate in the mixing or application procedures contained in this, or any other Product Data Sheets, without written approval from Omega Products International.

DO NOT apply Super Cement Sanded if there are contaminates on the receiving surface. Contaminates may include, but are not limited to, dust, debris, efflorescence, and/or oils.

DO NOT saturate the wall during preparation and/or water curing.

DO NOT use excessive amounts of water when floating.

Cleaning

Cleaning may be accomplished with water immediately after use.

Safety

Avoid contact with eyes or prolonged contact with skin. Wash thoroughly after handling. In case of eye contact, flush immediately with running water for at least 15 minutes. Consult a physician immediately. Do not take internally. Be sure to provide adequate ventilation in enclosed areas. Use of an approved respirator is recommended.

KEEP OUT OF REACH OF CHILDREN