Powerwall® Scratch & Brown
80108 Powerwall® Scratch & Brown

Technical Data

<table>
<thead>
<tr>
<th>Powerwall Scratch &amp; Brown Blend</th>
<th>Mix Ratio: Water1 / Bag / Sand2</th>
<th>Mix Time (min)</th>
<th>Yield4 in ft² at thickness of ¾&quot;</th>
<th>Compliance5 ASTM C 926</th>
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</thead>
</table>
| Western Top Gun Premium Plaster | Pump: 2.75 – 3.25 gal / 94 lbs. / 3 parts  
Hand: 3.75 – 4.25 gal / 94 lbs. / 4 parts | 3 – 5 | Pump: 45–55  
Hand: 55–65 | Yes5 |

1. Water must be clean and potable. Limit amount of water to stiff but workable consistency.
2. Sand added at job site: use damp, loose, washed plaster sand in conformance with ASTM C 897 or C 144.
3. Yield will vary with application technique, surface conditions, substrate variances from required tolerance, and other variables that may exist.
5. Mix complies with C 926 mix ratio requirements. Installation and other aspects of C 926 such as stucco thickness must be followed for full compliance.

Features

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<th>Benefits</th>
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<td>1</td>
<td>Concentrate</td>
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<tr>
<td>2</td>
<td>Abrasion, impact, and water-resistant</td>
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</table>

Features

Benefits

1. Concentrate
Economical; easier to transport to jobsite; high-quality consistent formula batch to batch

2. Abrasion, impact, and water-resistant
Creates a highly durable, long lasting base coat

Surface Preparation

Concrete and masonry surfaces:
Substrates must be absorbent, slightly scarified, and free of all bond-inhibiting materials, including dirt, efflorescence, form oil and other foreign matter. Loose, weak or damaged material must be removed and repaired. Dampen highly absorbent substrates prior to application of stucco. Verify bond of Powerwall Scratch & Brown Stucco to properly prepared concrete or concrete masonry, as specified by design professional, at minimum 28 day age of stucco.

Wood or metal frame construction:
Self-furring or furred galvanized diamond mesh metal lath or welded wire or fabric lath must be in conformance with and be installed in compliance with the applicable building code.

Refer to ASTM C 926 for complete details on preparation and required condition of surfaces to receive portland cement stucco and recommended construction practices when installing stucco.

Mixing

Plaster sand shall comply with ASTM C 144 or C 897. Mix in a mechanical type mixer. Add one half to two thirds of the water first, then one half of the sand required for the batch. While sand and water are mixing add all of the bags of Powerwall Scratch and Brown required for the batch. Add the rest of the sand and the minimum amount of water for proper consistency and mix for the prescribed amount of minutes after all materials are in the mixer. Keep mix ratio consistent from batch to batch and mix each batch separately. USE ONLY THE AMOUNT OF WATER NECESSARY FOR A STIFF BUT WORKABLE MIX. DO NOT ADD EXCESS WATER TO MIX. USE OF EXCESS WATER IS DETRIMENTAL TO PERFORMANCE. Avoid retempering. Discard material that has taken initial set.
**Application**

Powerwall Scratch & Brown may be applied by hand or machine. Application methods, acceptable substrates, and total applied thickness shall meet the requirements set forth in ASTM C 926.

Surface temperatures must be above 40°F (4°C) and below 100°F (34°C) during application and for at least 24 hours following set of stucco. Apply with proper spray equipment or a stainless steel trowel, and only to sound and clean, dry, properly prepared, frost free surfaces. Consult equipment manufacturer for proper spray/pump application.

Scratch the first coat horizontally and apply the second coat as soon as the first coat is firm enough to receive it. Alternatively, moist cure the first coat up to 48 hours and dampen the scratched surface with water immediately before applying the second coat. Level the stucco surface with a rod or straight edge, fill low spots with stucco, then darby and float to achieve a smooth, even surface receptive for finish.

**Limitations**

- Do not install Powerwall Scratch & Brown over stucco accessories or joints in construction
- Install only at temperatures above 40°F (4°C) and below 100°F (34°C). Maintain these temperatures for at least 24 hours following set of stucco
- Do not apply to surfaces that have not been properly prepared
- Not recommended as a finish coating
- Do not add air-entraining agents, accelerants, waterproofing agents, or any other additives to the stucco mix.

**Curing/Drying**

Moisture is required for proper bonding and firming of stucco. For proper mixing, wait 24 hours after installation. Hot, dry, or windy weather requires more frequent moist curing to avoid rapid dehydration of stucco.

**Finishing**

Allow final stucco application to completely dry before applying primer or finish. Check for pH<10 before installing Sto primer or finish or wait 28 days for full cure of stucco. Alternatively, install Sto Hot Prime minimum 2 days after moist cure of stucco, then install Sto finish after 7 days of stucco.

**Clean Up**

Clean tools and equipment with water immediately after use. Cured material can only be removed mechanically.

**Health And Safety**

**DANGER!**

Harmful if swallowed, causes skin irritation. Causes serious eye damage. May cause cancer. Causes damage to lungs through prolonged or repeated exposure.

**Health Precaution**

Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Do not eat, drink or smoke when using this product. Obtain special instructions before use. Do not handle until all safety precautions have read and understood.

**First Aid**

Inhalation: If breathing is difficult remove victim and keep at rest in a position comfortable for breathing. Seek medical advice/attention, if you feel unwell.

Skin Contact: In case of contact immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothes before reuse. Call a physician, if irritation develops and persists.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.

Ingestion: If swallowed do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Immediately call a poison center or doctor/physician. Store locked up.

**Spills:** Collect in an appropriate container. Uncured material may be removed with water.

**Disposal:** Dispose of in accordance with local, state or federal regulations.

**Warning**

**KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR INDUSTRIAL USE ONLY.** Consult the Safety Data Sheet (SDS) on www.stocorp.com for further health and safety information.

**LIMITED WARRANTY**

This product is subject to a written limited warranty which can be obtained free of charge from Sto Corp. Refer to Sto Specifications for more complete information on proper use and handling of this product.