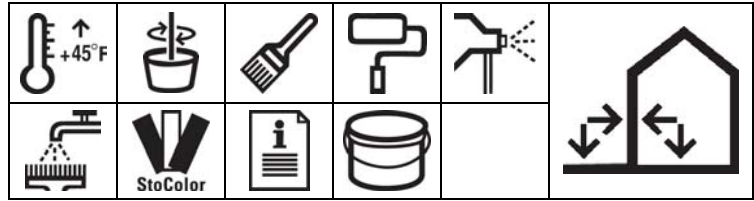


StoCoat[®] Texture Fine

80657 StoCoat Texture Fine



Technical Data			
REPORT	TEST METHOD	TEST CRITERIA	TEST RESULTS
Adhesion to Concrete psi (MPa)	ASTM D-4541	28 days	300 (2.07)
Water Vapor Permeability perms (ng/Pa·s·m ²)	ASTM E-96	28 days	21 (1200) at 5 dry mils 13 (750) at 9 dry mils
Carbon Dioxide Diffusion (Resistance Number, m)	EN 1062	SD**	140
Mold Resistance	ASTM D-3273	28 days	No Mold Growth at 90 days, 85% Relative Humidity
Solids Content by Volume (%)	N/A	N/A	53*
Moisture Resistance	ASTM D-2247	14 days	No Deterioration
VOC (g/L)	This product complies with US EPA (40 CFR 59) and South Coast AQMD (Rule 1113) VOC emission standards for architectural coatings. VOC less than 50 g/L.		
Application Thickness Wet mils (mm)			8 - 10 (0.20 - 0.25)

An acrylic-based textured coating used over prepared vertical concrete, stucco, existing EIFS, tilt-up, or masonry surfaces. Also used as a skid resistant horizontal coating on concrete surfaces exposed to light pedestrian traffic such as balconies, decks, and walkways.

Coverage

75 – 100 ft² per gal, depending on substrate's smoothness (1.8 – 2.4 m² per L).

Packaging

5 gallon (19 L) pail.

Shelf Life

12 months in original, unopened, properly stored container.

Storage

Store in dry area between 50°F (10°C) and 85°F (29°C)
Protect from extreme heat, freezing, and direct sunlight.

Typical values for material cured at 73°F (23°C) and 50 % R.H.

Note: To convert psi to mega Pascal (MPa) multiply by 0.0069.

* Percent Solids by volume is approximated from change in thickness from wet application to measured dry film.

** So-Diffusion Resistance (meters)

Features	Benefits
1 Acrylic-Based	Ensures adhesion to substrate; provides internal flexibility and excellent color retention
2 Pollution-Resistant	Reduces carbonation of concrete
3 Weatherproofing	Repels water; protects embedded reinforcing steel
4 Non-Vapor Barrier	Resists blisters caused by trapped water vapor; allows substrate to breathe naturally
5 Textured	Skid-resistant; abrasion-resistant for longer life
6 Variety of Colors	Decorative; enables color matching
7 Roller or Spray Applied	Variety of textures may be achieved
8 Water Clean Up	Tools can be re-used; no hazardous solvents needed; environmentally friendly
9 Low VOC	Improved air quality

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Surface Preparation

Concrete and masonry surfaces:

Surfaces must be properly cured and free of all bond-inhibiting materials, including dirt, efflorescence, form oil and other foreign matter. Loose or damaged material must be removed by water blasting, sandblasting or mechanical wire brushing and repaired. Avoid application over irregular surfaces. Fill surface voids, repair surface defects and remove projecting mortar or form ties. Where necessary resurface, patch or level surfaces to required tolerance and smoothness with appropriate Sto leveling

material. Refer to ASTM D 4258 and D 4261 for complete details on methods of preparing cementitious substrates for coatings

Existing EIFS (Exterior Insulation and Finish Systems) with Acrylic Finish:

Surfaces must be clean, sound, and free of all bond-inhibiting materials, including dirt and efflorescence. Refer to Sto Repair and Maintenance Guide for cleaning and restoration of EIFS surfaces. Do not use high pressure washing methods to clean EIFS surfaces.

Mixing

Use StoCoat Texture Fine at a preconditioned temperature of 70 ± 5°F (21 ± 3°C). Mix undiluted StoCoat Texture Fine

for 3 minutes using a slow speed drill and a mixing paddle. Mix thoroughly to a uniform, lump-free consistency.

Application

Apply only to sound and clean, dry, properly prepared, frost-free surfaces.

ALWAYS check color for proper match. If color does not match, STOP-call your Sto representative. For best results always prime cementitious substrates. Apply coating in a continuous application, always working from a wet edge or architectural break to eliminate cold joints. Minor shade variations may occur from batch to batch (refer to batch number on pail). Avoid installing separate batches side-by-side and avoid application in direct sunlight. Avoid installing new finish adjacent to weathered or aged finish. Sto Corp. will not be responsible for shade or color variation from batch to batch, variation caused by application or substrate deficiencies, or fading resulting from natural causes such as weather.

See Tech Hotline Nos. 0694-C, 0893-EC and 1202-CF for helpful tips on prevention of color problems.

New Vertical Uncoated Concrete and Stucco:

Must be at least 7 days old. Patch, fill, repair or resurface with appropriate Sto material as required to provide a uniform surface and allow to dry. Apply Sto Hot Prime in one coat by brush, roller, or spray to a uniform thickness of 5 wet mils and allow to dry.

New Vertical Uncoated Concrete Masonry:

Must be at least 28 days old.

Where the surface profile of the masonry and mortar joints are intended to remain, apply Sto Primer Smooth in one coat by brush, roller, or spray to a uniform thickness of 6-8 wet mils, back roll, and allow to dry.

Where the surface profile of the masonry and mortar joints are to be hidden, resurface with Sto Leveler or Sto BTS Xtra to provide a smooth uniform surface and allow to dry. Apply Sto Hot Prime in one coat by brush, roller, or spray to a uniform thickness of 5 wet mils and allow to dry.

Select one of the options below for application of StoCoat Texture Fine to the primed surface, depending on type of construction, weather exposure and required level of

performance. Spray applications to concrete masonry that has not been resurfaced must be back-rolled:

Decorative and Protective finish coating (one coat application): Apply one coat, 8 – 10 wet mils, by spray or roller. Avoid applying in excess.

Weatherproofing (two coat application): Apply one coat, 8 – 10 wet mils by spray or roller. Avoid applying in excess. Allow to dry until tack free, approximately 1-4 hours depending upon ambient conditions. As a second coat choose one of the following options depending on how much texture is desired:

Option 1: Apply a second coat, 8 – 10 wet mils, StoCoat Texture Fine by spray or roller.

Option 2: Apply one coat, 8-10 wet mils, StoCoat Acryl Plus (smooth coating) by spray or roller.

Existing EIFS with Acrylic Finish:

Apply Sto Hot Prime in one coat by brush, roller, or spray to a uniform thickness of 5 wet mils and allow to dry. Apply one coat, 8 – 10 wet mils, StoCoat Texture Fine, by spray or roller

New Uncoated Horizontal Concrete:

Apply one coat, 8 – 10 wet mils, StoCoat Texture Fine, by spray or roller as a prime coat. Allow to dry until tack free, approximately 1-4 hours depending upon ambient conditions. Avoid applying in excess. Apply a second coat, 8-10 wet mils, and allow to dry. Spray applications may be rolled or textured (trowel, knockdown, stipple, etc.) as desired for finish effect. Allow to dry a minimum of 24 hours before exposing to pedestrian traffic.

Curing/Drying

StoCoat Texture Fine dries within 24 hours under normal drying conditions [70°F (21°C), 50% RH]. Drying time varies with temperature/humidity and surface conditions. Protect installed product from rain, freezing, foot traffic and continuous high humidity until completely dry.

Clean Up

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

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Limitations

- Protect installed materials from rain, freezing, foot traffic, and continuous high humidity until completely dry
- Apply only when the ambient and surface temperatures are 45°F (7°C) and rising
- Do not apply if the surface temperature is less than 5°F (2.8°C) above the ambient dew point temperature
- Do not apply in freezing conditions or during precipitation
- Do not overcoat with solvent-based materials
- Do not use below grade, or in areas of ponding water. Provide proper slope to shed water
- Do not use on surfaces subject to continuous or intermittent water immersion or hydrostatic pressure
- Do not use in areas exposed to medium or heavy pedestrian traffic or in areas exposed to vehicular traffic

Health And Safety

Health Precautions

Product is water-based. As with any chemical construction product, exercise care when handling.

Safety Precautions

Use adequate ventilation. Safety goggles and protective gloves are recommended. Remove contaminated clothing immediately.

First Aid

SKIN CONTACT: Wash thoroughly with soap and water.

EYE CONTACT: Flush immediately with water for 10-15 minutes and contact a physician.

RESPIRATORY PROBLEMS: Remove affected person to fresh air immediately and contact a physician.

HYGIENE: Wash hands immediately after use. Wash clothing before re-use.

Spills

Collect with suitable absorbent materials such as cotton rags.

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 Material Safety Data Sheet 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.

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Attention

This product is intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. It should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, or for other construction activities beyond Sto's control. Improper use of this product or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to this product, and to the structure of the building or its components. **STO CORP. DISCLAIMS ALL WARRANTIES EXPRESS OR IMPLIED EXCEPT FOR EXPLICIT LIMITED WRITTEN WARRANTIES ISSUED TO AND ACCEPTED BY BUILDING OWNERS IN ACCORDANCE WITH STO'S WARRANTY PROGRAMS WHICH ARE SUBJECT TO CHANGE FROM TIME TO TIME.** For the fullest, most current information on proper application, clean-up, mixing and other specifications and warranties, cautions and disclaimers, please refer to the Sto Corp. website, www.stocorp.com.