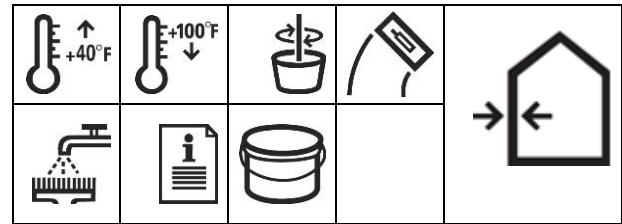


## PRODUCT BULLETIN

# Sto Gold Coat® 7A

Product Number: 81398



### PRODUCT DESCRIPTION

Sto Gold Coat 7A is a ready-mixed flexible trowel applied air and water-resistive barrier for use over prepared vertical above-grade concrete, concrete masonry, brick masonry, wood sheathing, glass mat gypsum sheathing, and cementitious sheathing as part of a StoGuard® air and water-resistive barrier system. It is used in Sto proprietary wall systems and beneath multiple cladding types.

FEATURES	BENEFITS
Resists air and water infiltration	Minimizes risk of water damage
Vapor Permeable	Minimizes risk of condensation in walls
Structural and durable	Rigid and stable under air pressure loads; does not tear or blow off the wall with wind
Seamless	No tears, holes, or mis-lapped joints that can compromise performance in service
Low VOC	Safe for interior and exterior use.

#### Coverage: field of wall (1 coat except for CMU)

Glass-Mat Gypsum Sheathing: 350-410 ft<sup>2</sup> (32-38 m<sup>2</sup>)

Plywood: 330-370 ft<sup>2</sup> (30-34 m<sup>2</sup>)

OSB: 220-300 ft<sup>2</sup> (20-28 m<sup>2</sup>)

CMU (2 coats): 120-200 ft<sup>2</sup> (11-18 m<sup>2</sup>)

#### Coverage: with StoGuard Mesh (2 coats over mesh):

Rough Opening Protection (2x4 fanning): 110-130 LF (33-40m).

Sheathing Joint (not including second coat applied during field of wall application: 440-460 LF (134-140m)

Coverage may vary depending on substrate, application technique, waste factor, and other variables that may exist. CMU substrates will generally be on the lower end of the coverage range. Construct a mock-up under actual conditions of use to verify proper surface preparation, number of coats required, coverage, and method of application, for approval by the appropriate authority.

**Packaging:** 5 gallon (19L) pail

**Color:** Yellow

**Shelf Life:** 12 months in original, unopened, properly stored container.

**Storage:** Store in tightly sealed container. Protect from extreme heat [90°F (32°C)], freezing and direct sunlight.

### SURFACE PREPARATION

Sto Proprietary Wall Systems: StoTherm® ci, StoVentec®, StoPowerwall®, StoQuik® Silver, StoPanel®, and StoLite® systems. Refer to applicable Sto Specification.

Surfaces must be fully cured, structurally sound, clean, dry, and free of frost, damage, and all bond-inhibiting materials, including dirt, dust, efflorescence, form oil and other foreign matter. Sheathing must be Exterior Grade or Exposure 1 wood-based sheathing, glass mat gypsum sheathing in compliance with ASTM C1177, or cementitious sheathing in compliance with ASTM C1325 Type A. Sheathing must be installed in compliance with the building code and manufacturer's recommendations. Treat sheathing joints, inside and outside corners, rough openings, and transition details with appropriate StoGuard Detail Components. Refer to Sto Details. Pre-treat defects such as knots in wood-based sheathing, vacant fastener holes or over-driven fasteners, and minor cracks (up to 1/16 inch [1.6 mm] wide) in concrete and CMU with Sto RapidGuard®. If cracks are structural consult an engineer. Note: for fast drying in cold or damp weather use Sto RapidGuard for detailing and pre-treatments. Apply Sto Gold Coat 7A over Sto RapidGuard within 48 hours of its drying for best adhesion.

### MIXING

Mix to a uniform consistency with an electric drill and clean, rust-free paddle. Do not thin or dilute with water.

### APPLICATION

Apply between 40° and 100°F (4° and 38°C) during application and drying period. Apply only to fully cured, structurally sound, clean, dry, properly prepared, frost-free surfaces.

**Glass Mat Gypsum, OSB Exposure 1, and Exterior Grade Plywood:** Treat joints with StoGuard Mesh centered over the joints and coat the mesh evenly with Sto Gold coat 7A. Alternatively use any other StoGuard joint treatment. Protect rough openings with Sto Gold Coat 7A applied over StoGuard Mesh. Refer to Sto Details. Alternatively use any other StoGuard rough opening protection. Spot surface defects such as overdriven fasteners, knots or other voids in sheathing surface with Sto Gold Coat 7A prior to full application. When dry, coat the entire wall surface, INCLUDING JOINT TREATMENTS AND ROUGH OPENING PROTECTION, with an even coat of Sto Gold Coat 7A at 26-40 WFT or Sto Gold Coat at 10-12 WFT to produce a VOID and PINHOLE FREE surface.

## PRODUCT BULLETIN

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# Sto Gold Coat® TA

Product Number: 81398

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

**Drying:** product dries in 24 hours under normal drying conditions [70°F (21°C), 50% RH]. Final dry time varies depending on temperature/humidity, thickness of application, and surface conditions. Hot, dry conditions accelerate drying. Cold weather and/or damp conditions delay drying. Protect from rain, high humidity, and temperatures less than 40°F (4°C) until completely dry. **IMPORTANT: IF TEMPORARY HEATERS ARE USED OR IF LEFT UNPROTECTED IN COLD WEATHER, VENTILATE TO THE EXTERIOR TO PREVENT CONDENSATION FROM CONDENSING ON OR WITHIN THE WALL ASSEMBLY COMPONENTS.**

### LIMITATIONS

- Ambient and surface temperatures must be between 40° and 100°F (4° and 38°C) during application and drying period.
- Do not apply if the surface temperature is less than 5°F (2.8°C) above the ambient dew point temperature.
- Do not use below grade or on surfaces subject to in-service water immersion.
- Allowable weather exposure: 30 days. When used in conjunction with adhesively attached StoTherm ci Systems ensure the surface is clean, dry and free of surface contamination.
- Exercise care when mechanically attaching wall assembly components through Sto Gold Coat so that fasteners go into (not between) framing supports. Do not use powder actuated or other fastening devices that can damage the substrate. Seal all penetrations through the wall to make them watertight. Test assemblies when necessary to verify watertightness.
- Fire-retardant or pressure treated plywood must be dry with surface free of salts or other chemicals migrating from within the wood. Test adhesion to be sure of desired results.
- Use a slip sheet, typically one layer of building paper (or Sto DrainScreen® and building paper), between Sto Gold Coat TA and stucco or adhered masonry veneer over metal lath.

### LIMITED WARRANTY

This product is subject to a written limited warranty which can be obtained free of charge from Sto Corp.

### HEALTH & SAFETY

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

**WARNING:** Causes eye and skin irritation.

**Precautionary Statement:** Wash hands thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

**FIRST AID MEASURES:** Eye Contact: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.

**Skin Contact:** Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

**Ingestion:** If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Store locked up.

**Spills:** Collect with suitable absorbent material 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 Safety Data Sheet (SDS) on [www.stocorp.com](http://www.stocorp.com) for further health and safety information.

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# Sto Gold Coat® TA

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### TECHNICAL DATA

REPORT	TEST METHOD	TEST CRITERIA	TEST RESULT*
Water Vapor Permeance	ASTM E 96 (Wet Cup)	Measure	> 10 US perms (575 ng/Pa·s·m²)
Air Leakage Resistance <sup>1</sup>	ASTM E 2178	< 0.02 L/m²·s @ 75 Pa (<0.004 cfm/ft² @ 1.57 psf)	Pass
Water Penetration Resistance	AATCC 127 (water column)	Resist 21.6 inches (55 cm) water for 5 hours	No water penetration
Adhesion to Substrates	ASTM D-4541 (ASTM C-297 modified)	> 15 psi (103 kPa)	Glass Mat Gypsum: > 15 psi (103 kPa)  OSB, Plywood, CMU: > 50 psi (344 kPa)
Flame Spread <sup>1</sup>	ASTM E-84	Flame Spread: < 25 Smoke Developed: < 450	Flame Spread: < 25 Smoke Developed: < 450
VOC (g/L)	VOC is < 100 g/L		
*Results are based on lab testing under controlled conditions. Results can vary between labs or from field tests.			
1. Results based on tests conducted with Sto Gold Coat			

<b>Sto Corp.</b> 3800 Camp Creek Parkway Building 1400, Suite 120 Atlanta, GA 30331 Tel: 404-346-3666 Toll Free: 1-800-221-2397 Fax: 404 346-3119  <a href="http://www.stocorp.com">www.stocorp.com</a>	Revision Number: 004 Date: 11/2022	<p style="text-align: center;"><b>ATTENTION</b></p> <p>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. <b>STO CORP. DISCLAIMS ALL WARRANTIES EXPRESSED 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.</b> 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, <a href="http://www.stocorp.com">www.stocorp.com</a></p>
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