



Sto Decocoat

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Division 9

Sto Decocoat is a ready-mixed, decorative and protective wall and floor coating composed of fine variegated aggregate encased in a pure acrylic binder. Sto Decocoat is used as an interior or exterior coating over prepared concrete, masonry, plaster or drywall surfaces.

Features & Benefits

Fine aggregate

Durable; resists abrasion and marring in high pedestrian traffic areas

Vapor permeable

Allows wall surface to breathe naturally

Ready-mixed

Ready to use; no additive needed

Pure acrylic

excellent adhesion

Water-based

Safe, non-toxic; cleans up with water

VOC compliant

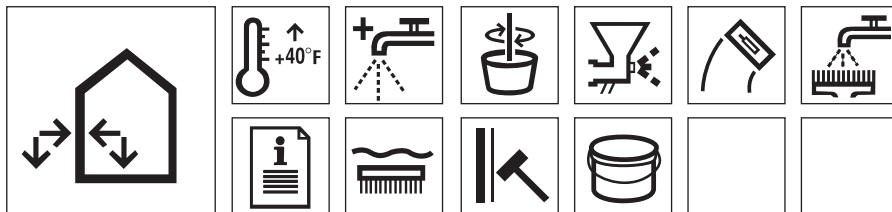
no harmful odors

Technical Data

TEST	METHOD	CRITERIA	RESULTS
Surface Burning	ASTM E-84	< 25 Flame Spread < 450 Smoke Developed	0 5
Adhesion (psi)	ASTM C-297 Modified	28 days	> 15 to drywall > 125 to concrete

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Coverage

100-140 ft² (9-12.6 m²) per pail
Coverages may vary depending on application technique and surface conditions.

Packaging

5 gal. pail (19L)

Shelf Life

12 months, if properly stored and sealed.

Storage

Protect from extreme heat [90° F (32° C)], freezing and direct sunlight.

Surface Preparation

Concrete and masonry surfaces: Surfaces must be free of all bond-inhibiting materials, including dirt, efflorescence, form oil and other foreign matter. Loose or damaged material must be removed by waterblasting, sandblasting or mechanical wire brushing and repaired. Avoid application over irregular surfaces. Resurface, patch or level surfaces to required tolerance and smoothness with appropriate Sto leveling materials. Refer to ASTM 4258 and ASTM 4261 for complete details on methods of preparing cementitious substrates for coatings.

Gypsum wallboard surfaces: Wallboard must be taped and fasteners spotted with joint compound. Refer to ASTM C-840 and gypsum wallboard manufacturer's literature. Surface must be free of dust, dirt and other bond-inhibiting materials.

Surface must be primed with appropriate Sto Primer.

Mixing

Mix with a clean, rust-free electric drill and paddle. A small amount of clean water may be added to aid workability. Limit addition of water to amount needed to achieve the finish texture.

Application

Apply only to sound and clean, dry, properly prepared, frost-free surfaces. Apply the appropriate tinted Sto Primer uniformly by spray, roller or brush to the prepared dry surface. Allow primer to dry approximately 2-4 hours, depending on ambient conditions.

Apply Sto Decocoat with a clean stainless steel trowel to a thickness approximately 1-½ times the aggregate size. Then work the trowel in one direction to make the surface smooth. Press down firmly with the trowel held nearly flat, taking care not to scrape material down to the actual aggregate size. Once applied, the working time is up to 15 minutes depending upon material, ambient temperatures and surface conditions.

For spray application: Spray in a circular motion with proper spray equipment to achieve a smooth, uniform coating. Adjust spray pressure to achieve desired texture.

IMPORTANT: 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 no. 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. Protect installed product from rain, freezing, and continuous high humidity until completely dry.

Protect from rain, freezing, and continuous high humidity until completely dry. Apply in a trial area first to be sure of desired results.

Curing/Drying

Sto Decocoat requires minimum 48 hours and moderate, dry weather for complete drying. Drying time increases significantly with low temperatures, wet or humid weather, which may cause a non-uniform appearance. Avoid installation during cool, damp weather conditions.

Interior and Exterior Floor Surfaces: Protect with 2 coats of Sto Clear Coat Sealer. Apply only after Sto Decocoat is firm enough for foot traffic.

Clean Up

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

Limitations

Use Sto Decocoat only when surface and ambient temperatures are above 50° F (10° C) during application and drying period. Do not use Sto Decocoat on surfaces subject to continuous or intermittent water immersion or hydrostatic pressure. Do not use in areas exposed to vehicular traffic, heavy pedestrian traffic, food waste, oil, grease or harsh chemicals. A whiteness factor of at least 25% is required when designing custom colors for exterior applications.

Periodic re-sealing with Sto Clear Coat Sealer is necessary on exterior applications to maintain integrity of finished surfaces.

Damp, humid weather will retard drying time.

Health & 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 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 REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR INDUSTRIAL USE ONLY. Consult the Material Safety Data Sheet 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., 3800 Camp Creek Parkway, Building 1400, Suite 120, Atlanta, GA 30331; Tel: 404-346-3666; Fax: 404-346-3119

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