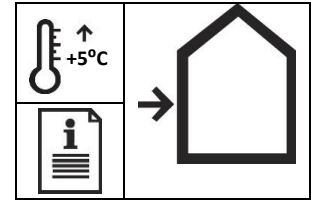


# Sto-Bonding and Pointing Mortar

00760 Sto-Bonding and Pointing Mortar



*Sto-Bonding and Pointing Mortar is used to install Sto-Ecoshapes over prepared vertical above grade concrete, concrete masonry, stucco, and in StoTherm ci<sup>®</sup>, Sto Powerwall<sup>®</sup>, and StoQuik<sup>®</sup> Silver systems.*

**Coverage:** 6.3 - 8.3 m<sup>2</sup> (65 - 90 ft<sup>2</sup>) per pail

Coverage may vary depending on substrate, application technique, waste factor, and other variables that may exist.

### Colours

- 2057 A, Anthracite
- 2064 A, Brown
- 2063 A, Brown-Grey
- 2061 A, Graphite
- 2060 A, Grey
- 2059 A, Light Grey
- 2062 A, Sand Yellow
- 2056 A, White
- 2058 A, Cement-Grey

### Packaging

25 kg (55 lb) Pail

### Shelf Life

12 months if properly stored and sealed

### Storage

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

## Technical Data

REPORT	TEST METHOD	TEST CRITERIA	TEST RESULTS <sup>1</sup>
<b>Adhesion to Sto base coats</b>	ASTM D1623	> 103 kPa (15 psi)	Pass
<b>VOC (g/L) Bonding and Pointing Mortar</b>	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.		

1. Results are based on lab testing under controlled conditions. Results can vary between labs or from field tests

## Features

## Benefit

<b>1 Organic bonding and pointing mortar</b>	Eliminates efflorescence commonly associated with other masonry mortars
<b>2 Available in nine standard colours</b>	Design flexibility
<b>3 Easy to Install</b>	Does not require highly skilled labor force, cost effective
<b>5 Vapour permeable</b>	Diffuses water vapour, resists blistering and peeling

## Surface Preparation

All surfaces must be structurally sound, clean, dry, and free of frost and surface contamination such as dust, dirt, salts, grease, oils, efflorescence, mold, algae, mildew, and any other contamination that

may affect adhesion. Use appropriate repair methods for the substrate to repair pitting, spalls, cracks, peeling, blistering, delamination, weak surface conditions such as laitance, water damage, or other defects that may exist.

# Sto-Bonding and Pointing Mortar

## Application

Apply only when substrate and ambient temperatures are between 5 to 30°C (50-86°F) over sound and clean, dry properly prepared frost-free surfaces. Do not apply over damp surfaces or during rain, hail, or snow events, or if rain, hail, or snow is imminent.

Construct a mock up under actual conditions of use to verify proper surface preparation, coverage, and aesthetics, for approval by the appropriate authority.

Establish layout lines for the pattern in use (e.g., running bond, stacked bond). Lay the veneer units from top to bottom in accordance with the planned layout and start from a corner. Apply Sto-Bonding and Pointing Mortar horizontally with a 4x6mm or 6x6mm (1/8 x 1/4 or 1/4 x 1/4 inch) notched trowel. Apply only as much mortar as can be installed before a skin forms on the mortar.

Press and gently slide the veneer units into the freshly applied mortar. Fully bed the units in the mortar to ensure no gaps or cavities in the mortar.

As soon as the veneer units are held into place with the mortar, work the joint areas with a flat paint brush so they are even.

## Curing/Drying

Sto-Bonding and Pointing Mortar dries within 24 hours under normal conditions [21°C (70°F), 50% RH]. Full mechanical properties achieved in 7 days. Full drying varies depending on temperature/humidity and surface conditions. Cool damp conditions retard drying and may require extended periods of protection from rain and freezing. Protect from rain, freezing 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.

## Health And 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.

### 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 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.

Refer to Sto Specifications for more complete information on proper use and handling of this product.

## Limitations

- Use only when surface and ambient temperatures are between 5 to 30°C (50-86°F) during application and drying period.
- Do not use on horizontal or below grade surfaces or where immersion in water may occur
- Sloped surfaces: refer to Sto details.

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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 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.** 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 Canada Ltd. website, [www.stocanada.com](http://www.stocanada.com).