Master Wall Inc.®
Building a Culture of Excellence

PRODUCT DATA

WEATHERSTOP

To finish strong you need a leveling base coat with superior weather resistance to stop water before it enters your stucco or wall. Flexible, fibered WeatherSTOP remains flexible, weather resistant and embeds easily into Master Wall® mesh. WeatherSTOP is an alternative to a separate fluid applied water barrier.

FEATURES & BENEFITS

- Waterproof acrylic polymers—STOPS water at the surface
- Fibered for additional strength
- Highly flexible
- Excellent water holdout
- Protects stucco keeping it safe and dry
- Dry stucco does not support mold growth
- Leveling coat for Cemplaster Fiberstucco and other stucco products
- Mixes with Portland cement to a creamy consistency
- Water-based - easy clean up with water

Application Temperature: 40°-110°F (5°-43°C) Working Time: 1 hour. Set Time: varies, Dry Time: 12 hours. at room temperature, working and drying time will vary with temperature and humidity.

JOB CONDITIONS

Air and substrate temperature for application of WeatherSTOP must be 40°F (5°C) or higher and must remain 40°F (5°C) or higher for a minimum of 24 hours. Provide temporary protection to protect the wall system from damage until permanent flashings, caps and sealants are installed. Store materials within prescribed temperature limits and out of direct sunlight. Working and drying times are based upon normal room temperature conditions and will vary with temperature and humidity.

PREPARATION

The substrate must be approved by Master Wall Inc.®, clean, dry, structurally sound and free of efflorescence, oil, grease, form release agents and curing compounds or anything that would affect bond. Painted surfaces are generally unacceptable without evaluation. Reference Technical Bulletins #173 and #187 for additional information.

Coverage per pail (sf/m²)*

Leveling Base Coat, Unreinforced
200-220 (18.6-20)

Embedding Single-layer of Mesh:
200-220 (18.6-20)

Double Layer of Mesh:
66-200 (6-18.6)

**All coverage is approximate and depend upon substrate, details and individual application*

Packaging/Shelf Life/Storage

Packaging: 5 gallon (19 L) pail

Shelf Life: 2 years

Storage: Protect from extreme heat - 90°F (32°C), freezing and direct sunlight.

Technical Data

- *ASTM C67 Freeze/Thaw: Pass*
- *ASTM C297/E2134: 94 psi*
- *ASTM E96: Vapor Permeable, >10 perms*
- *ASTM C297/E2134 - min 30 psi (208 kPa)*
- *ASTM D897 - min 22 psi (152 kPa)*
- *ASTM D2247 - Pass*
- *ASTM E331 - Pass to 12.0 psf (575 Pa)*

Hazard: This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

VOC: Less than 50 g/L.

Approved Substrates

- Exterior gypsum sheathing (ASTM C1396, C1177) - Dens Glass Gold®, GlasRoc®, FiberBond®, Gold Bond e2xp®, Securock® Weather Defense Platinum™ , etc.
- Cement Board (ASTM C1325) - Durock®, PermaBase®, Util-A-Crete®, ProTEC®, ProGUARD®, etc.
- Concrete
- Brick
- Masonry
- Metal Lath - Adhesive Application
- Adheres to Rollershield
- Others approved in writing

APPLICATION PROCEDURE

Mixing - Thoroughly stir WeatherSTOP using a heavy duty 1/2" (12.7 mm) drill at 400 - 500 rpm and a heavy duty mixing paddle. Pour half of the stirred WeatherSTOP into a clean plastic pail. Up to 12 ounces (0.35 L) of clean, potable water may be added to adjust workability. Add 20 lbs. (9 kg) Type I or I-II Portland cement to the half pail of WeatherSTOP and mix to a homogenous consistency. Let the mixture stand for 3 to 5 minutes and then stir to a creamy consistency. Do not exceed 24 ounces (0.7 L) per pail. Do not over mix as faster setting or reduced working time can occur. Do not add accelerators or retarders to the WeatherSTOP mixture.

Application
Leveling Base Coat, unreinforced – Apply the WeatherSTOP mixture over the entire surface of the approved substrate in a thickness of approximately 1/16" (1.6 mm).

With Optional Mesh Application – Apply the WeatherSTOP mixture over the entire surface of the approved substrate in a thickness greater than that of the reinforcing fabric being used (approximately 1/16" (1.6 mm) for Standard Mesh). Immediately embed the reinforcing fabric into the wet WeatherSTOP mixture and smooth from the center to the edge to avoid wrinkles. The reinforcing fabric must be continuous at all corners and lapped or abutted in accordance to Master Wall® Mesh data sheet requirements. Do not run mesh through control/expansion joints or accessories. The color of the mesh shall not be visible but a slight mesh pattern may be visible.

Clean Up—Tools and equipment can be cleaned with soapy water while the WeatherSTOP is still wet.

Limitations:
A Master Wall® Superior, Superior Elastomeric Plus or other approved Master Wall® finish must be used over the WeatherSTOP.

Surfaces exposed to the weather must be sloped (6:12 minimum).

Under certain conditions efflorescence on the surface during the cure process. This can be removed with a white vinegar solution.

WARNING, THIS PRODUCT CONTAINS SILICA
If sanding or scraping are performed, ventilate work area and/or use a NIOSH/MSHA-approved respirator in accordance with our Safety Data Sheet.

Health & Safety

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. Dispose of contents/container in accordance with Local, State, Federal and Provincial regulation.

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) in the Products section at masterwall.com for further health and safety information.

LIMITED WARRANTY
This product is subject to a written limited material or system warranty. Obtain a warranty from the Tech Support tab of our website. Refer to Specifications for more complete information on proper use and handling of this product.

Information contained in this product data sheet conforms to the standard detail recommendations and specifications for the installation of Master Wall Inc.® products and is presented in good faith. Master Wall Inc.® assumes no liability, expressed or implied as to the architecture, engineering, or workmanship of any project. This information may be concurrent with, or superseded by other applicable documents, such as specifications and details. Contact Master Wall Inc.® for the most current product information. ©2026 Master Wall Inc.®

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