



Master Wall Inc.
Building a Culture of Excellence

PRODUCT DATA

EPSB - EXPANDED POLYSTYRENE BASE COAT

To finish strong, you need a versatile base coat. EPSB is a 100% pure acrylic one-part, non-cement base coat and leveler with low alkalinity. EPSB is ready to use after pre-mixing, is tintable and can be color matched to our finishes.

FEATURES & BENEFITS

- Ready to use
- pH Stable, Low Alkalinity
- Bright White and Tintable to match Finish Colors
- Bonds to most Acrylic Coatings and Textured Finishes
- No pot life, reseal unused material for use the next day
- Low VOC
- Water-based - easy clean up with water

Application Temperature: 45°-110° F (7°-43° C)

Working Time: 1 hour

Set Time: 8-12 hrs

Dry Time: 48-72 hrs at room temperature, working and drying time will vary with temperature and humidity.

JOB CONDITIONS

Job Conditions - Air and substrate temperature for application of EPSB must be 45° F (7° C) or higher and must remain 45° F (7° C) or higher for a minimum of 24 hours. Working and drying times are based upon normal room temperature conditions and will vary with temperature and humidity.

Temporary Protection – Must be provided at all times until the EIF System, including flashings, caps, and sealants, is completed to provide protection from climatic conditions and other potential damage.

PREPARATION

The Master Wall insulation board must be well adhered to the substrate. All imperfections in the insulation board must be rasped flush and any gaps in the insulation board must be filled with slivers of insulation. Surface temperature must be above 45° F (7° C).

Coverage per pail (sf/sm)*

110-130 sf (10-12 sm)

**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.

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

Master Wall® Insulation Board

Painted Surfaces*

Master Wall® Base Coats

Stucco

Prepared & Base Coated Surfaces of: Brick

Concrete

Masonry

Others approved in writing

* With appropriate testing - see Technical Bulletin

APPLICATION PROCEDURE

Mixing - Thoroughly stir EPSB using a heavy duty 1/2" (12.7 mm) drill at 400 – 500 rpm and a heavy-duty mixer. A small amount of clean, potable water may be added to obtain a workable consistency. Do not over mix. Do not exceed 12 ounces (0.35 L) of water per pail. Do not add accelerators or retarders to EPSB.

Application – Apply the EPSB over the entire surface of the insulation board in a thickness greater than that of the reinforcing fabric being used, approximately 1/16" (1.6 mm) for standard mesh and 3/32" (2.4 mm) for Ultra Mesh. Immediately embed the reinforcing fabric into the wet EPSB 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 with Master Wall specifications. 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 when the EPSB is wet.

Limitations

- Do not over mix.
- Make sure that the EPSB coat is completely dry prior to the application of Master Wall Superior Finish.
- Slope surfaces a minimum of 1:2 to shed water.
- While drying, the EPSB coat must not be in contact with any moisture or localized delamination may occur.

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. ©2022 Master Wall Inc.®



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.