



TECHNICAL DATA SHEET

WEATHERLASTIC® HB PRIMERS

Primers for use with Weatherlastic HB
DS1024

PRODUCT DESCRIPTION

Block Filler and Primer for Decorative & Protective Coatings. Weatherlastic® Masonry Primer – Exterior above/below grade brick, block, stone, and stucco surfaces.

Concrete and Masonry Surfaces Primer. Weatherlastic® H/P Primer – Exterior above/below grade concrete, masonry, brick, stone, Precast, textured, lightweight and formed concrete.

General Application Guidelines

Detailed instructions specific to each primer are listed below.

BASIC USES

Weatherlastic Masonry Primer

Usage: A water-based, 100% acrylic resin emulsion block filler used as a primer for Weatherlastic HB Architectural Wall Coatings.

Weatherlastic Masonry Primer is formulated with finely graded texture minerals for exterior above and below grade applications.

- Use heavy-duty spray equipment capable of spraying ceiling texture, plaster or cement-based coatings, or use stiff brushes or rollers. When sprayed, backrolling is required to ensure good uniform contact with the surface. Avoid applying to excess which can cause the product to run down the wall or puddle.
- For hand application, use brushes or 3/4 to 1-1/4 in. (19-32mm) nap rollers designated for latex paints. Dampen brushes or rollers with water before use.
- Topcoats may be applied 12-24 hours following primer application (at 70°F (21°C), 50% RH).

Weatherlastic H/P Primer

Usage: Aids in the proper curing of acrylic resin or cement based masonry coatings, especially when applied to hot or porous surfaces.

Weatherlastic H/P Primer dries rapidly to create a breathable barrier within the substrate surface. The barrier retards the excessive absorption of moisture from the coating into the substrate and aids in the proper curing the coating. This action helps to minimize “cratering” of acrylic coatings and the formation of shrinkage cracks in cementitious materials. Weatherlastic H/P Primer is necessary on porous surfaces or when the weather is warm and windy.

- Use airless spray equipment with 0.017-0.021 in. (0.43-0.53 mm) orifice size spray tips. Hold spray gun 12-18 in. (30-46cm) from the wall surface and apply using a “cross coat” technique consisting of a horizontal pass followed by a vertical pass.
- For hand application, use brushes or 1/2 in. (13mm) nap rollers designated for latex paints. Dampen brushes or rollers with water before use.
- Thoroughly wet the surface with Weatherlastic H/P Primer to the point of saturation with no run down. Pick up any drips or runs with a brush or roller.
- Weatherlastic H/P Primer is rapid drying and the finish coat may be applied as the primer dries, but no later than 24 hours after primer application.
- Labor costs on large projects may be reduced by using separate application systems to apply the Weatherlastic H/P Primer and the finish coat during the same “drop.”

COVERAGE RATES

All coverage rates listed are approximate and may differ depending upon surface temperature, porosity of surface and texture of the substrate finish. Any questions regarding drying times, coverage rates and unique application techniques regarding the individual primers should be directed to Tremco Technical Services or your local Tremco Sales Representative.

Weatherlastic Masonry Primer: Coverage Rate: 40 - 80 ft²/gal (0.98 - 1.96 m²/L)

Weatherlastic H/P Primer: Coverage Rate: Porous: 100 - 150 ft²/gal. (2.5 - 3.7 m²/L); Non-Porous: 200 - 300 ft²/gal. (4.9 - 7.3 m²/L)

PACKAGING

5 gal. (18.9L) pails, 30 gal. (113.6L) drums

AVAILABILITY

Immediately available from your local Dryvit Sales Representative, distributor, or warehouse.

STORAGE

Store at temperatures between 50°F and 90°F (10°C and 32°C).

LIMITATIONS

- Protect from moisture and freezing.
 - Do not thin or dilute primers.
 - Do not apply to external surfaces if rain is expected within eight hours.
 - Do not apply over frozen or frost-filled surfaces.
 - Do not apply if temperatures are below 40°F (4°C) or above 100°F (38°C).
 - Do not apply to non-absorbent materials such as glass, metal, glazed brick or glazed tile.
 - Not for use on traffic bearing surfaces.
 - Primer should be top coated within 24 hours after application. In all cases, consult the Material Safety Data Sheet before use.
-

SURFACE PREPARATION

All surfaces must be sound, clean, dry, and free from contamination. New concrete and masonry surfaces shall be a minimum of 28 days cured and shall not have moisture content in excess of 12% prior to application. Provide an absorptive surface on all substrates, including smooth Precast or formed concrete, by abrading the surface. Defective concrete, honeycombs, cracks, cavities, and other defects should be routed to sound concrete and patched using compatible materials, such as approved Tremco Sealants or Euclid repair materials.

MIXING

Primers should be mechanically mixed using a low speed 3/4 in. (19mm) drill with a mixing paddle. Mix thoroughly to a uniform, smooth consistency. Do not aerate the mix.

CLEAN UP

Clean tools and application equipment immediately after use with soap and hot water. Clean overspray or drips while still wet with soap and hot water. Clean glass and metal surfaces before the material dries. Dried material may require strong solvents or mechanical abrasion for removal.

WARRANTY

A repair or replacement warranty is available on all Dryvit products. Visit <https://www.tremcosealants.com/warranties/> for details.

TYPICAL PHYSICAL PROPERTIES

| PROPERTY | TEST METHOD | TYPICAL RESULTS |
|--|----------------|-------------------------------|
| Density lb/gal (kg/m) | ASTM D1475 | 11.0 ± 2.0 lb. (5.0 ± 0.9 kg) |
| Regulatory VOC | Method 310 | 21 g/L |
| Viscosity | ASTM D562 | 85-141 KU |
| Solids by Weight | ASTM D1644 | 63% ± 1% |
| Solids by Volume | ASTM D2697 | 52% ± 1% |
| Accelerated Weathering (1000 hr.) | ASTM D4798 | No cracking or checking |
| Permeance Rating (Wet Cup) | ASTM D1653 | 12 perms |
| Tear Resistance | ASTM D624 | 120-140 lbf/in |
| Tensile Strength @ 77° F (25° C) | ASTM D2370 | 375 ± 50 psi |
| Elongation @ 77° F (25° C) | ASTM D2370 | 215% ± 25% |
| Low Temp. Flexibility after 1000 hr. accelerated weathering @ -15° F (-26° C) 1/2" Mandrel | ASTM D522 | Passed |
| Fungus Resistance | ASTM G21 | No Growth |
| Adhesion | ASTM C794/D903 | Excellent |

* Accelerated aging test. 1 daily cycle of UV and water spray greatly exceeds 1 day of real-world exposure. Contact Tremco Technical services or your local sales representative for more information.

Please refer to our website at www.dryvit.com for the most up-to-date Product Data Sheets.

NOTE: All Dryvit Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

DS1024/0324

Tremco Construction Products Group (CPG) brings together Tremco CPG Inc. and its Dryvit and Nudura brands; Willseal; Prebuck LLC; Tremco Barrier Solutions, Inc.; Weatherproofing Technologies, Inc. and its Pure Air Control Services and Canam Building Envelope Specialists offerings; and Weatherproofing Technologies Canada, Inc.



dryvit.com | 800.556.7752



Construction Products Group

3735 Green Rd. | Beachwood, OH 44122
800.321.7906 | tremcocpg.com