

VOC: <1% by Weight
VOC: 10 g/l
Manufacture Locations:
30058 • 77474 • 84651

Packaging: 5 gallon (19L) pail

Pail Weight: 60 lbs (27 kg)

Shelf Life: 2 years

Coverage (estimated per pail)

Roller: 450-500 sf (42-46 sm)

Spray: 300-350 sf (28-32.5 sm)

Trowel: 200-250 sf (18-23 sm)

Dry to Touch: 1 hour @ room temperature

Recoat Time: 2 hours @ room temperature

Drying Time: 12 hours @ room temperature

Application Range: 40°-110°F (5°-43°C)

Exposure: 30 days maximum for EIFS*, 6 months maximum for other claddings.

*surface must be clean and dry prior to application of EIFS

Product Test Standards

ASTM C297/E2134, ASTM D2247, ASTM E72, ASTM E84, ASTM E96 (30 perms @ 10 mils), ASTM E331, ASTM E1233, ASTM E2178 (0.0002 cfm/ft²), ASTM E2357 (0.003 L/s.m² @ 75 Pa, 0.02 L/s.m² @ 300 Pa), ASTM E2485, AATCC 127, ASTM D1970 (@ 22 mils dft), ICC ES (AC 212), NFPA 285

Approved Substrates

ProTEC®

Util-A-Crete®

ProGUARD®

Exterior gypsum sheathing (ASTM C1396)

ASTM C1177: Sheathing: Dens Glass

Gold®, GlasRoc®, FiberBond®, Gold

Bond e2xp®

Durock®, PermaBase®

Concrete, Brick, Masonry

Exterior Plywood, Oriented Strand Board

Others approved in writing

Water Armor AWB is a high quality 100% acrylic flexible air and water barrier. Water Armor AWB is intended for roller or spray application but also can be troweled or brushed into place. Water Armor AWB forms a continuous air and water barrier that protects approved substrates from incidental water damage.

- **100% Coverage**
- **Doesn't rattle in the wind**
- **Vapor permeable with low air infiltration rate**
- **Used as water barrier and flashing**

Application Procedure

Job Conditions - Air and substrate temperature for application of Water Armor AWB 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 T. Clear Corp., 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 not acceptable and must be removed. Substrates must be flat and free of fins or planar irregularities greater than 1/4" in 10'-0" (6.35 mm in 3.05m).

Concrete - Must have cured a minimum of 28 days prior to the application of Water Armor AWB. If form release agents or curing compounds exist on the surface, they must be removed with a solution of muriatic acid or similar product (with appropriate precautions). Remove any residual acid by flushing with water.

Brick/Masonry - If joints are not struck flush, multiple coats may be required. Contact T. Clear Corp. for more information.

Sheathing Applications - Sheathing gaps must be 1/4" (6.4 mm) or less. For gaps larger than 1/4" (6.4 mm) Water Armor TG and Water Armor Flashing Tape may be used. Gap wood-based sheathing per manufacturers recommendations, typically 1/8" (3.2 mm) minimum.

Mixing - Thoroughly stir Water Armor AWB into a homogenous consistency. Do not add water, over mix, or add accelerators or retarders to Water Armor AWB.

Application - Water Armor AWB is applied by first treating the joints and fastener locations where sheathing is used, then coating the entire surface using brush, roller, trowel or airless spray equipment techniques. When using a foam roller, a maximum 3/4" (19 mm) nap is recommended. Apply Water Armor AWB in an even, continuous coat, maintaining a wet edge of approximately 15 mils thickness. Oriented Strand Board and other porous substrates require two (2) coats of Water Armor AWB. For moisture protection, Water Armor AWB must be applied as a continuous barrier of 10 mils dry thickness with no breaks or skips, although some areas will appear lighter than others due to the application process. The Water Armor AWB application need not look like a painted surface.

Joint Treatment—Apply a thin layer of Water Armor AWB to the joints and embed Water Armor Flashing Tape into the wet mixture and trowel smooth. Alternatively place and center Water Armor AWB Mesh over all joints, corners and gaps in the substrate. Immediately embed Water Armor AWB into the reinforcing mesh and spot fasteners using a paint brush or trowel and allow to dry.

Water Armor AWB may be flashed into window, door and other openings using the same techniques for sheathing applications. Any remaining gaps should be filled with Water Armor-TG (Trowel Grade).

Wall Treatment—Apply Water Armor AWB to the wall surface using the foam roller, trowel or by spray applying and backrolling to a uniform thickness of 15 mils wet, 10 mils dry with no pinholes or voids.

Applications behind ProGUARD DP® - For applications where the Water Armor will be placed behind the ProGUARD DP over the primary sheathing two separate coats of Water Armor AWB will be required. Each coat should be applied using a sprayer or roller to a uniform thickness of 15 mils when wet (10 mil minimum when dry) with a total dry mil thickness of 20 mils after both coats are applied with no pinholes or voids. Surface when complete should look like a painted surface with no shadowing of lettering etc... visible through the surface of the finished Water Armor AWB surface.

Clean Up—Tools and equipment can be cleaned with soapy water when Water Armor AWB is wet. Limitations - Not for use as an exterior finish, note exposure limitations.

Information contained in this product data sheet conforms to the standard detail recommendations and specifications for the installation of T. Clear Corp. products and is presented in good faith. T. Clear Corp. 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 T. Clear Corp. for the most current product information. ©2018 T. Clear Corp.

T. Clear Corporation

www.tclear.com

3255 Symmes Road • Hamilton • OH • 45015 • 800.544.7398