

Total Stop RA

Weather Resistive Barrier Membrane Coating

Description

Total Stop RA is a rubberized coating, which cures to produce a permanent weather resistive barrier.

Total Stop RA is a ready-to-use product that can be trowel applied and roller applied.

Total Stop RA can be applied directly to OSB sheathing, plywood, exterior gypsum sheathing, Dens-Glass Gold, or FiberRock sheathing without the use of a primer.

Total Stop RA cures to produce a moisture barrier that has elasticity to: seal sheathing joints, seal the sheathing surface, seal existing hairline cracks, and in many cases provide zero-point crack protection to bridge future hairline cracks.

Total Stop RA is water vapor permeable and will function similar to Grade D paper relative to perm rating, but with superior water resistance to Grade D paper.

Application

The Surface must be dry and free of dirt, oils, loose debris or any substance that may interfere with the bond. Replace any damaged, fractured or warped sections of sheathing with new sheathing. For exterior gypsum sheathing, the paper facing should be checked for proper adhesion to the gypsum core using the X-cut method as recommended by AWCI. Replace any wood sheathing with splits greater than 1/4" wide or with craters greater than 1/4" deep and larger than 2" in any lateral direction. **Total Stop RA** is first applied to all sheathing joints and splits with a trowel. Following the joint treatment, the entire exterior wall surface is coated with **Total Stop RA**. Please follow the application steps as outlined below.

Sheathing Joints: Open a new pail of **Total Stop RA** and mix with on low speed (500 rpm maximum) with a jiffler-style paddle for 30 seconds. Avoid over mixing or air entrainment of the product. Using a steel trowel, fill all sheathing joints with **Total Stop RA**. Also fill any cracks, splits, knotholes or craters in the face of the sheathing using a trowel stroke of **Total Wall RA**. ANY SHEATHING JOINTS GREATER THAN 1/8" WIDE SHALL BE BRIDGED WITH 6" WIDE 2.5 OUNCE REINFORCING SCRIM MESH EMBEDDED WITH **TOTAL STOP RA**. ALL SPLITS OR CRACKS IN THE SHEATHING GREATER THAN 1/8" WIDE SHALL BE BRIDGED WITH 6" WIDE 2.5 OUNCE REINFORCING SCRIM MESH EMBEDDED WITH **TOTAL STOP RA**. Allow curing a minimum of 4 hours or until dry to the touch before beginning coating.

Sheathing Face: Use a 1/2" nap roller to apply a heavy 15-20 mil wet coat of **Total Stop RA** to the entire sheathing face. Cross-roll the wet coating horizontally and vertically to ensure complete coverage. Allow the **Total Stop RA** to dry and inspect the coating for pinholes or voids. If pinholes or

voids are present, apply a second coat of **Total Stop RA** in an 8-10 mil wet thickness. Allow coating to dry a minimum of 18 hours before proceeding with the installation of any direct applied exterior lamina or wall cladding system such as EIFS (Exterior Insulated and Finish System).

Coverage

FiberRock	400-500 sq.ft/5-gallon pail
Dens-Glass Gold	400-500 sq.ft/5-gallon pail
Oriented Strand Board (OSB)	250-350 sq.ft/5-gallon pail (2 coats recommended)
Plywood	250-350 sq.ft/5-gallon pail (2 coats recommended)
Exterior Grade Gypsum	400-500 sq.ft/5-gallon pail

Features

- Has permanent elasticity to help bridge cracks
- Safe to apply; Meets VOC, VOS requirements
- Is easy to apply with water cleanup
- Does not create a vapor barrier
- Excellent adhesion to all substrates
- Provides an excellent bonding surface
- Resists mold and mildew
- Safe for all substrates and insulation materials

Technical Data

Flash point	>200 F	Seta
Density	8.9 lb/gal	
Viscosity	approx 30,000 cps	
pH	9.2 - 9.8	
Elongation	350 %	ASTM D412
Actives	65%	
Solids	57%	
PVC	25.0%	(calculated)
Moisture Vapor Transmission	15 perms	ASTM E96
Resin Chemistry: Internally plasticized resin emulsions		

Handling and Storage

Do not apply to frozen or saturated surfaces. Do not apply if precipitation is forecast within 8 hours of application. Do not apply if the temperature cannot be maintained above 40°F for 24 hours. Shelf life in closed containers is 18-24 months when stored at 50-90°F. Cleanup with water or soapy water before drying.

Cleanup

Mask adjacent materials and tarp horizontal surfaces below application areas. Cover and protect plants and sensitive vegetation as necessary. Cleanup with water or soapy water before drying.

Precautions

Total Stop RA is an alkaline water based material. Do not ingest. Avoid contact with skin and eyes. In case of contact, flush with water. For contact with eyes, get immediate medical attention in addition to flushing. Wear safety glasses and protective clothing. Keep out of reach of children and pets. www.TotalWall.com
1-888-702-9915