

# EPDM-TPO Single Ply Primer



***A rubber-polymer based roofing primer that promotes uniform coverage on both horizontal and vertical surfaces.***

## FEATURES

- High viscosity formula
- Fast drying
- Excellent adhesion to a variety of substrates (EPDM, TPO, metals, wood, and concrete)
- Unique polymeric formulation

## BENEFITS

- Provides uniform coverage, no running or puddling
- Speeds installation
- Suitable for a wide variety of applications
- Long term durability

## DESCRIPTION:

EPDM-TPO Single Ply Primer is a rubber polymer based roofing primer. Unlike thin primers that run and puddle, the high viscosity formulation promotes uniform coverage on both horizontal and vertical surfaces. EPDM-TPO Single Ply Primer does not react with atmospheric moisture allowing it to be opened and resealed for use at a later date.

## BASIC USES:

EPDM-TPO Single Ply Primer is used to prime EPDM and TPO roofing membrane to provide improved adhesion to the Tremco family of EPDM tapes, laminates, and sealants. EPDM-TPO Single Ply Primer is an excellent choice for priming concrete, OSB, plywood, and metal surfaces.

## PACKAGING AND COVERAGE:

EPDM-TPO Single Ply Primer is available in the following package:

Pail Size	Packaging
<b>North America</b>	
1 gallon (3.8L)	6 pails/case
3 gallon (11.4L)	30 pails/pallet
1 Qt. (0.96L)	6 pails/case
<b>Europe, CIS, and Middle East</b>	
1 gallon (3.8L)	6 pails/case

Coverage rate will be approximately 200-250 sq. ft. per gallon (18.6-23.2 m<sup>2</sup> per liter).

## COLOR:

Off-white

## STORAGE AND SHELF LIFE:

Store material in original unopened containers at temperatures between 40°F - 90°F (4°C - 32°C). Shelf life is 12 months when stored in unopened container.

## SURFACE PREPARATION:

All work surfaces should be clean, dry, free of dirt, dust, debris, oils, un-adhered coatings, deteriorated membrane and other contaminants that may result in a surface that is not sound or is uneven. If necessary, clean the surface with an approved EPDM or TPO membrane cleaner prior to application of EPDM-TPO Single Ply Primer.

## SAFETY:

Prior to working with this or any adhesive product consult product label and Safety Data Sheet (SDS) for necessary health and safety precautions.

## APPLICATION:

1. Thoroughly shake or stir EPDM-TPO Single Ply Primer prior to use and re-stir every 15-20 minutes during use. Note: product may exhibit an "apple sauce" type texture even after agitation. This appearance is normal and will not adversely affect the product's performance.
2. Do not dilute or extend EPDM-TPO Single Ply Primer.
3. Surfaces should be dry and clean before applying EPDM-TPO Single Ply Primer. EPDM and TPO surfaces should be cleaned with a suitable solvent

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## APPLICATION: (continued)

- such as mineral spirits or VM&P naphtha if necessary prior to priming. Observe all manufacturers' safety precautions and use recommendations when using solvents. Do not smoke while working with primer.
- When the surfaces are dry, apply EPDM-TPO Single Ply Primer with a fully saturated brush or scouring pad. The surface should appear wet during application. Apply primer to a wider area than the actual bonding area to insure complete coverage. If using a scouring pad, be sure that it is free of excessive dust from EPDM membranes. Replace pads often. Do not overwork primer.
  - Allow primer to dry completely (typically less than 20 minutes) before applying tape. Primer will visually appear "dull" or "flat" and will feel dry to the touch. Drying conditions will vary depending on ambient air conditions. **NOTE: Use caution when installing at temperatures below 40°F (5°C) to prevent blushing of EPDM primer (formation of condensation on surface of primer).**
  - When not in use, keep lid on primer to prevent solvent evaporation. When finished, secure lid and store primer as recommended for use at a later date.
  - Once the seam or flashing is installed the primer will take up to 48 hours to wet-out the tape surface and build full strength.** Any peel tests on installed seams or flashings should not be conducted until at least 24 hours after installation.

## EQUIPMENT CLEAN-UP:

Use Mineral Spirits or VM&P naphtha. Observe all manufacturer's safety precautions and use recommendations when using solvents.

## LIMITATIONS:

- Do not use as a membrane cleaner.
- Talc, dust, oil, ice, snow, or wet conditions inhibit good adhesion. Clean and dry surfaces are a necessity.
- Not for use on PVC roof membranes.
- Do not use on extruded or expanded polystyrene insulation.
- At installation temperatures below 400F (4°C) care must be taken to prevent the formation of condensation on surface of primer.

## PHYSICAL PROPERTIES:

Property	Results
Color	Translucent/off-white
Solids Content	15%
Weight per Gallon	6.50 lbs
VOC Content	675 grams per liter
<b>Application Properties</b>	
Application Temp.	0°F to 110°F (-18°C to 43°C)

*NOTE: The foregoing information is published as general information only. The listed properties and performance characteristics are typical values and are not to be interpreted as manufacturing specifications.*

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