

PRODUCT DATA SHEET

Sikalastic® EPDM/TPO Primer Lo-VOC

Single component low VOC primer for consistent and durable adhesion between Sikalastic® RoofPro and Sikalastic RoofCoat systems to EPDM and TPO Membranes

PRODUCT DESCRIPTION

Sikalastic® EPDM/TPO Primer Lo-VOC is a rubber polymer-based primer to improve adhesion of Sikalastic RoofPro and RoofCoat liquid applied membranes to flexible EPDM and TPO roofing membranes. Sikalastic® EPDM/TPO Primer Lo-VOC has been formulated with VOC exempt solvents for use in regulated markets where other solventborne primers can not be used. This primer does not react with atmospheric moisture allowing it to be opened and resealed for use at a later date.

USES

Sikalastic® EPDM/TPO Primer Lo-VOC is used to prime EPDM or TPO roofing membrane to improve adhesion of Sikalastic® RoofPro & Sikalastic® RoofCoat Systems. It is typically used for overcoating existing roofing membranes, flashing and flashing of penetrations and perimeter terminations, performance of repairs, or modification to the existing roofing system.

CHARACTERISTICS / ADVANTAGES

- Provides excellent adhesion of new Sikalastic® liquid applied membrane to most EPDM & TPO membranes.
- Quick cure allows same-day Sikalastic® membrane application in most instances.
- Low VOC content (<250 g/l) for use in VOC regulated markets.

PRODUCT INFORMATION

Packaging	3 gal. pail; (11.4 L)
Color	Translucent / Off-white
Shelf Life	18 months in original, unopened and undamaged sealed containers
Storage Conditions	Store dry between 41 °F and 86 °F (5–30 °C)
Density	1.17 kg/l
Solid Content	10 %

Service Temperature -22–176 °F (-30–80 °C) intermittent

APPLICATION INFORMATION

Consumption / Yield / Dosage (PRINT single line)	200 - 225 sf/gal.
Ambient Air Temperature	41 °F (5 °C) min. / 95 °F (35 °C) max.
Relative Air Humidity	80 % R.H. max.
Substrate Temperature	41 °F (5 °C) min. / 140 °F (60 °C) max.
Dew Point	Beware of condensation. The substrate and uncured coating must be ≥ 5 °F (3 °C) above dew point.
Pot Life	Once opened, the product should be used and resealed promptly. Sikalastic® EPDM/TPO Primer Lo-VOC does not react with atmospheric moisture allowing it to be opened and resealed for use at a later date.
Waiting / Recoat Times	30–45 minutes at 77 °F (25 °C) and 50 % R.H.. Lower temperatures will extend cure time. Membrane resin has to be applied within 24 hours of primer application.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

LIMITATIONS

- Do not store materials outdoors exposed to sunlight and moisture for prolonged periods.
- Existing membrane must be dry prior to application. Do not apply to a frosted, wet or damp surface.
- Allow sufficient time for the existing membrane to dry after rain or inclement weather, or following pressure washing, as there is the potential for bonding problems.
- Precautions should be taken to prevent vapors and/or odors from entering the building/structure, including but not limited to turning off and sealing air intake vents and through-wall air conditioners, and other means of vapor/odor ingress during application and cure
- 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.

ENVIRONMENTAL, HEALTH AND SAFETY

APPLICATION INSTRUCTIONS

SUBSTRATE 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. Aged waterproofing membrane should be pressure washed and dried completely before applying Sikalastic® EPDM/TPO Primer Lo-VOC. If necessary, clean the surface with an approved EPDM membrane cleaner prior to application of Sikalastic® EPDM/TPO Primer Lo-VOC.

MIXING

Shake or stir the 3 gal. pail of Sikalastic® EPDM/TPO Primer Lo-VOC prior to application 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.

APPLICATION

Do not dilute or extend Sikalastic® EPDM/TPO Primer Lo-VOC.
Surfaces should be dry, clean and free of any loose debris before applying Sikalastic® EPDM/TPO Primer Lo-VOC. EPDM or TPO Surfaces should be cleaned with a suitable solvent such as mineral spirits prior to priming. Observe all manufacturers’ safety precautions and use recommendations when using solvents.
When the surfaces are dry, apply Sikalastic® EPDM/TPO Primer Lo-VOC with a fully saturated roller or scouring pad (recommended). If using a scouring pad, be sure that it is free of excessive dust from EPDM membranes.

Replace pads often. Do not overwork primer. The surface should appear wet during application. Allow primer to dry completely before applying resins. Primer will visually appear “dull” or “flat” and will feel dry to the touch. Drying conditions will vary depending on ambient air conditions. 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.

OTHER RESTRICTIONS

See Legal Disclaimer.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

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