



Product Description:

IB TPO CA LVOC Adhesive is a one-part, 1168 compliant*, low VOC, synthetic polymer- based adhesive designed for bonding IB TPO SM Membranes in a two-sided 'contact-style' method to wood, concrete, approved poly-isocyanurate insulations, and other cover boards rated for adhered applications. .

Use:

- SCAQMD Compliant Adhesive
- May be rolled or brushed on
- Ideal for vertical flashing applications
- Not to be used with IB TPO FB Membranes

Packaging:

5 gallon container	45/pallet
47 lbs (21.3 Kg) *8.8 lbs/gallon	2,115 lbs/pallet

Color:

Yellow

Approvals:



Refer to individual assembly approvals for additional information and requirements.

Temperature Guidelines/Storage & Handling:

Store in a dry area, indoors, out of direct sunlight in the original unopened container.

Optimum product storage temperature: 60-80°F (15-27°C) for 24 hours prior to use.

Internal Chemical Temperature at Application: Warm or cool product temperature to 60-80°F/15-27°C prior to use. If adhesive falls below 32°F (0°C), return to warm area until material temperature has reached 60°F (15°) or greater.

Outside Application Temperature: Ambient temperature is 25°F (-4°C) and rising.

Substrate Surface Temperature Range: 25-100°F (-4-38°C). Temperatures above or below Optimal Application range require additional monitoring and may affect tack/cure times, adhesion performance and application rates.

*1168 Rule - The purpose of this rule is to reduce emissions of volatile organic compounds (VOCs) and to eliminate emissions of chloroform, ethylene dichloride, methylene chloride, perchloroethylene, and trichloroethylene from the application of adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers, or any other primers. This rule applies to all commercial and industrial sales and applications of adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers, or any other primers, unless otherwise specifically exempted by this rule.

Reference: www.arb.ca.gov/DRDB/SC/CURHTML/R1168.pdf



Product details stated are nominal as manufactured, and the results of tests and/or calculations and therefore are non-binding and do not represent a guarantee or warranted characteristics. User and/or designer are responsible for confirming suitable performance for specific application and conforming with all applicable laws and regulations.

VOC	<250 g/L (EPA Method 24)
Specific Gravity	0.85
Shelf Life	12 months from date of manufacture
Coverage Rates*	
2-sided**	60-90 ft ² /gal
*Coverage varies depending on job site conditions, ambient and adhesive temperature and the porosity of the substrate the adhesive it is applied to. **For two-sided application, half of the adhesive is applied to the substrate and half of the adhesive is applied to the membrane.	

Limitations:

- Do not use when ambient, substrate or product temperatures are outside specified temperature ranges.
- Do not use during inclement weather, on wet surfaces or on any substrate showing signs of deterioration or loss of structural integrity.
- Do not apply adhesive when dew point is within 10°F or closer to the ambient temperature.
- Do not apply adhesive if there is a possibility of temperatures falling below 25°F (-4°C) within 24 hours of application.
- Use open containers within 48 hours of opening. Replace lid on can when not in use. Adhesive that has changed color or viscosity is no longer usable.
- Do not thin.
- Do not use after the expiration date.



Application:

Refer to IB TPO Specifications and Construction Details for additional installation instructions.

- IB TPO CA LVOC Adhesive should be applied to a structurally sound substrate that is clean, dry, free of frost, oils, soaps, silicone, or loose material that may inhibit bonding.
- Adhesive should be applied at temperatures of 25°F (-4°C) and rising. Do not apply adhesive if there is a possibility of temperatures falling below 32°F (0°C) within 24 hours of application. Stir adhesive thoroughly before use.
- IB TPO CA LVOC Adhesive should be evenly applied with 3/8" medium nap solvent resistant roller or squeegee to the approved substrate.
- For two-sided applications apply at the approximate rate of one gallon per 60-90 square feet applying half of the adhesive to the substrate and half of the adhesive to the underside of the membrane.
- Roll membrane with a vinyl roller to make positive contact with substrate and to remove any air bubbles.

Note: Do not apply adhesive near seams or splices where a hot-air welder will be used.

Refer to www.ibroof.com for additional installation instructions.

Go to <https://ibroof.com/tds> for the most up-to-date version of this document.

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