



Product Description:

IB TPO Bonding Adhesive is a one-part synthetic polymer- based adhesive designed for bonding IB TPO SM Membranes in a two-sided 'contact-style' method.

Compatible with:

- wood
- concrete
- approved polyisocyanurate insulations
- other cover boards rated for adhered applications.

Use:

- May be rolled or brushed on
- **DO NOT USE with IB TPO FB Membranes**

Packaging:

5 gallon container	45/pallet
39 lbs (16.6 Kg) *7.3 lbs/gallon	1,755 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 is 25°F (-4°C) and rising.

Substrate Surface Temperature Range: 25-100°F (-4-38°C).

Note: Temperatures above or below Optimal Application range require additional monitoring and may affect tack/cure times, adhesion performance and application rates.



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.

Physical Properties

VOC	660 g/L (EPA Method 24)
Specific Gravity	0.865-0.87
Shelf Life	12 months from date of manufacture
Coverage Rates*	
2-sided**	50-90 ft ² /gal

*Coverage varies depending on job site conditions, ambient and adhesive temperature and the porosity of the substrate the adhesive 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 Bonding 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 and rising. Do not apply adhesive if there is a possibility of temperatures falling below 25°F (-4°C) within 24 hours of application.
- Stir adhesive thoroughly before use.
- IB TPO Bonding 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 50-90 square feet applying half of the adhesive to the substrate and half of the adhesive to the underside of the membrane.
- If adhesive falls below 32°F (0°C), return to warm area until material temperature has reached 60°F (15°C) or greater.
- 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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