



Product Description:

IB TPO Spray Contact Adhesive is a fast drying, spraying bonding adhesive designed specifically for adhering IB TPO SM and IB TPO FB membranes to horizontal and vertical bonding applications. It is a single component spray contact adhesive that is self-contained for use with a compatible spray hose and gun in a portable pressurized 22L cannister.

Only the following substrates are acceptable for use to receive the IB TPO Spray Contact Adhesive:

- Minimum 1/2" Plywood
- Minimum 7/16" OSB
- Wood blocking curb
- Concrete
- Brick/Masonry/CMU
- IB EnergyBoard II and III
- IB HD ISO
- Most gypsum coverboards rated for adhered applications.

Features:

- Horizontal and vertical applications
- Smooth & Fleece back compatible
- Fast drying
- Minimal clean up
- Can reduce labor cost
- VOC compliant <250 g/l
- Open Time 1-30 min. @ 160°F (71°C)

Packaging:

1 Container - 22L Canister - 30 lbs (13.6 Kg)

Colors:

Natural

Coverage:

Approximately 1,000 sq. ft. / per unit for net applied coverage (both surfaces) for smooth field membrane to substrate or board stock. Coverage rates are typically less for fleece back membranes.

Approximately 750 sq. ft. / per unit for net applied coverage (both surfaces) for smooth field membrane to wall substrate.

Coverage rates are typically less due to the spray overlap.

Note: Coverage rates may decrease when used over irregular surfaces and will vary depending on roughness and porosity of the substrate.

Image to Come

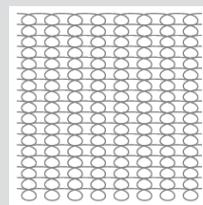
Product details stated are nominal as manufactured, and the results of tests and/or calculations and therefore are non-binding and do not represent a guarantee or warranted characteristics. User and/or designer are responsible for confirming suitable performance for specific application and conforming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

Properties & Characteristics:

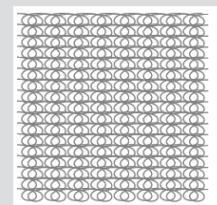
Total Solids	64-70%
Spray Pattern	Web
Chemical Temperature	70-100°F (20-38°C)
Ambient Temperature	40°F (4°C) and rising
Substrate Temperature	40°F (4°C) and rising
Shelf Life	12 months when stored unopened and within product storage guidelines
Open Time	1-20 minutes*
Set-Up Time	7 minutes*
Fully Cured	1-3 days*

*Times may be affected by temperature, weather conditions, and humidity level.

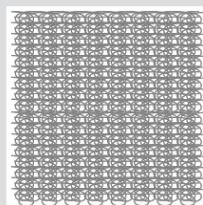
NOT ENOUGH



GOOD



TOO MUCH



Limitations:

Do not use when ambient substrate temperatures are below 40°F (4°C). Do not use during inclement weather, on wet surfaces or on any roof deck showing signs of deterioration or loss of structural integrity. Do not use after the expiration date. Please note: IB TPO Spray Contact Adhesive should not be used and is not compatible for direct use to Expanded (EPS) and Extruded (XPS) Polystyrene board substrates, EPDM, TPO, or KEE membranes.



Safety:

This product is flammable. Adhesive contains materials which could be harmful if mishandled. This adhesive is in a pressurized container and should be used with caution.

- Vapor from applied adhesive is heavier than air and may travel along the ground or through ventilation and may be ignited by pilot lights, other flames, sparks, heaters, smoking, electrical motors, static discharge, or other ignition sources. Residual vapors may ignite even though adhesive is not being actively applied. Keep away from open flame.
- Use in well-ventilated areas. Avoid inhalation of spray mist or vapors.
- Appropriate PPE, gloves and goggles must be worn when using this product.
- Never aim the spray gun at people.

Read label and safety data sheet prior to use for complete safety, precaution and warning information. Read all instructions, and SDS (Section 8) prior to use of any product.

Application:

Follow IB specifications, guidelines and application instructions for use.

- Substrate must be clean, dry, firm, free of loose particles, and free of dirt, dust, debris, oils, grease, un-adhered coatings, deteriorated surfaces or other contaminants that may result in a surface that is not sound or is uneven.
- Protect surfaces not to be adhered.

The following are basic instructions when using the IB TPO Spray Contact Adhesive.

1. Shake adhesive canister for 30 seconds prior to use.
2. Connect spray applicator to hose and connect hose to adhesive canister. NOTE: Must use a stainless-steel braided metal hose - contact IBRS for details. Open valve on canister to check fittings for leaks. Keep adhesive canister valve open to maintain pressure in the hose/spray applicator when not in use. Once valve has been turned on, do not turn the valve off until the adhesive canister is completely empty or proper cleaning is performed. Refer to guidelines on canister label for cleaning.
3. Rapid Set TPO Spray Contact Adhesive can be applied at ambient temperature of 40°F and above. Adhesive canister temperature must be at least 70°F prior to use and for the product to spray properly. Utilize warming blanket, and hot boxes when necessary.
4. Adjust the spray pattern/fan by slowly adjusting trigger lock to the desired pattern. Lock trigger when not in use.
5. Visually target the "Correct Amount of Adhesive" coverage pattern detailed in the image below to both membrane and substrate. Apply adhesive with proper overlap to ensure adequate adhesive coverage. For vertical surfaces apply adhesive in a heavier application.

6. For applications taking place in ambient temperature below 70°F, store adhesive canister in heated space and move to project area during application. Adhesive canisters must be kept warm on the jobsite. Dispense product from canister while it is still warm. When product in canister becomes too cold, it will begin to spit rather than spray. If this occurs, swap cold canister for warmer one and return cold canister to heated area. When changing canister, close the valve on the canister and depressurize the hose completely. Remove the hose and attach it to the new canister. Open valve and perform a test spray.

7. Allow IB TPO Spray Contact Adhesive to flash-off until it does not transfer to finger when touched. Limit application to surfaces that will be covered with membrane the same day.

8. Follow IB specifications and application instructions when laying membrane into adhesive.

9. Read Product Information Sheet and Safety Data Sheet before use.

Clean Up / Short Term Storage:

1. Leave valve on adhesive canister open and lock applicator so trigger cannot be engaged.
2. Make sure to clean spray tip in a well-ventilated area using appropriate PPE.
3. Remove spray tip by removing retaining nut. Clean spray tip and retaining nut by soaking in appropriate solvent (ketone, aromatic, etc.).
 - a. Spray tip may require manual cleaning with appropriately sized probe (small wire or pipe cleaner) to help remove build up.
 - b. An aerosol solvent-based cleaner may also be used to help remove build up.
4. Clean applicator tip and threads with appropriate solvent.

Long Term Storage:

1. Make sure to clean applicator/hose assembly in a well-ventilated area using appropriate PPE.
2. Close valve on canister and engage trigger to completely relieve pressure on applicator/hose.
3. Disconnect the hose from the canister outlet.
4. Remove spray tip by removing retaining nut. Clean spray tip and retaining nut by soaking in appropriate solvent following instructions detailed in "Short Term Storage Cleaning".
5. Flush hose with the appropriate type of cleaner to flush the hose.
6. Flush an adequate amount of solvent through the hose into an appropriate collection container.
7. Once flushed, close the flush canister valve, and engage trigger to relieve pressure on applicator/hose.
8. Make sure to collect all flush solution into an appropriate container.



9. Disconnect the hose from the canister outlet and drain any residual flush solvent into an appropriate collection container.
10. Clean applicator tip and threads with appropriate solvent.
11. Read Product Information Sheet and Safety Data Sheet before use.

Product Storage:

Store canister in a safe, conditioned space with temperature maintained above 70°F. Do not store canister in areas where temperatures reach 90°F or higher. Contents are flammable. Store in accordance with local, state, and federal regulations. With the hose and applicator attached, keep canister valve open to maintain pressure in the hose and spray gun. Periodically spray in a safe manner to help prevent possible clogging. Keep spray applicator trigger locked when not in use.

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

Toll Free: 800-426-1626

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