

Technical Data Sheet MemBond TPO Membrane Adhesive

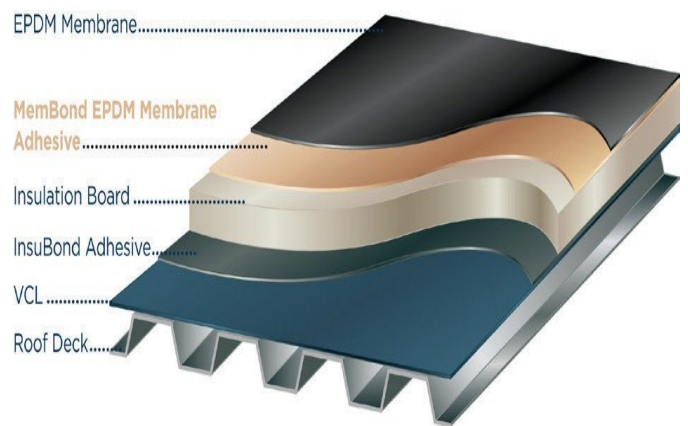
Description / Use:

High-strength contact adhesive.

A high-strength two-way stick contact adhesive, developed to securely bond TPO to a wide variety of substrates, including concrete, timber and insulation board. With great weathering resistance, it provides excellent aging properties. Ideal for detail work and easy to apply with a brush.

Benefits:

- **Specific development: for securely bonding TPO membrane** – TPO membranes are a low-energy substrate, which is renowned for being difficult to bond. MemBond TPO Membrane Adhesive ensures excellent adhesion because it has been chemically formulated to create a bond developed to exceed the lifespan of the waterproofing system.
- **Excellent weathering resistance: long-term aging properties** – As well as being developed specifically for bonding TPO membranes, the chemical properties of MemBond TPO Membrane Adhesive provide excellent weathering resistance. This ensures the TPO membrane stays securely on the roof deck, even when subject to varying temperatures and weather conditions, which provides long-term aging properties.
- **Ideal for detail work: high-strength and easy to apply with a roller** – MemBond TPO Membrane Adhesive is ideal for detail work due to it being a high-strength contact adhesive; a bond is quickly created between both substrates. This adhesive is also easy to apply straight from the tin with a roller.



Substrates:

Suitable for*:

Concrete, Timber, Tissue & Foil-Faced PIR.

Membranes suitable for*:

Unbacked EPDM, TPO/TPE.

Substrate quality: The substrate must be solid and in a suitable condition prior to adhering and be able to resist any wind forces.

*Adhesion tests should be carried out prior to uses. Applications only for substrates and membranes listed. All other substrates and membranes should be tested prior to use. Please contact MOY Technical Services to discuss further.

Certification:



Packaging:

MemBond TPO Membrane Adhesive is supplied in a 5L lever-lid tin.

Application Method:

Roller applied.





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Preparation:

1. Ensure the insulation board or other roof substrate is dry and clean from grease, dirt and other contaminants before applying adhesive.

Application:

The guidelines for application below are for guidance only. Please always refer to the latest MOY recommendations.

1. Apply MemBond TPO Membrane Adhesive to the back of the substrate and the back of the membrane using a roller, brush or serrated spreader.
2. Apply a consistent layer, ensuring an even coverage.
3. Allow the solvent to evaporate (5-20 minutes dependent on temperature) or until the adhesive film no longer transfers on to the fingertips.
4. Apply the coated membrane to the coated substrate with a roller and consolidate with a 20kg water-filled roller, squeegee or brush. Ensure full contact between the membrane and substrate, roll out any creases.
5. Full bond strength will occur within 24-72 hours.

Technical data:

Base:	Synthetic Rubber
Appearance:	Cream Liquid
Application Temperature:	5-30°C
Temperature Resistance:	-30-90°C
Tack Time (20°C):	5-20 minutes
Shelf Life:	12 months
Coverage:	10m ² / 5L tin
Viscosity:	Roller-Applied
Storage Temperature:	5-25°C
Health & Safety:	See SDS

Temperature and timings:

All information on temperature and timings represent normal working conditions and is provided as a guideline only. However, please contact MOY Technical Services for advice if you wish to operate outside of these parameters.

Storage & Handling:

The product should be stored unopened in a dry condition at a temperature of 5-25°C. This will ensure the stated shelf life. The adhesive will have a limited life once the container is opened.

Standards:

Quality Management System ISO 9001:2015. Certificate Number FM 01892. Environmental Management System ISO 14001:2015. Certificate Number EMS 59737.

Disposal:

For disposal of used packaging, it would need to be classified as packaging containing residues of/ or contaminated by hazardous substances using waste code **EWC 15 01 10***.

More information is available by contacting MOY Materials Ltd.

MOY Materials Ltd has taken care to ensure that the information provided in the literature is correct and up to date. However, it is not intended to form any part of a contract or provide a guarantee. Purchasers/intending purchasers should contact MOY Technical to check whether there have been any changes to the information since publication of the literature. Please ensure you have read the hazard labels and material safety data sheet before using this product.