

ADVANTAGES

TuffStrand-WRB™ transforms typical oriented strand board (OSB) into a seamless weather resistant barrier that provides superior protection to the elements. The tape-and-panel system eliminates the need for a separate application of house wrap saving the builder time and money. The tape is a multi-purpose acrylic tape that provides a consistent seal and durable, long-lasting results. The tape's superior acrylic compound and intertwined fibers combine to create a superior bond.



APPLICATION

TuffStrand-WRB™ tape is a strong waterproof flashing tape used to seam joints on the surface and corners of weather resistant barrier (WRB) panels. It can be utilized as window or door flashing when WRB is installed as a weather resistant barrier.

DESCRIPTION

Three-way foil-scrim-kraft backing combined with a high-performance cold weather solvent acrylic adhesive, protected by an easy-release silicone release paper.

FEATURES

- Cold weather solvent acrylic adhesive offers reliable and durable bonding both at low temperature and high temperature
- Epoxy resin coating contributes surface anti-corrosion against moisture

Storage and Shelf Life: 12 months when stored at 21 °C (70 °F) with 50% relative humidity and out of direct sunlight.

Surface Preparation: It is essential with pressure sensitive tapes, that the surface to which the tape is applied must be clean, dry, free of grease, oil, and other contaminates.

Product Use: Best results will be obtained using the supplied WRB squeegee applied to a clean, dry surface between 40°F and 105°F. A suitable amount of pressure (minimum 7 pounds) should be applied to the surface of the WRB tape to ensure a proper seal. Caution should be taken to ensure edges are properly secured to the WRB within the first 10 minutes of exposure.

Size: TuffStrand-WRB™ is available in 150' length and 5" width rolls. Roll core diameter: 3 1/8"

GHS Classification: Not classified as hazardous under GHS criteria.

Hazards Not Otherwise Classified (HNOC):

- May release irritating fumes when heated.
- Mechanical irritation possible from prolonged skin contact.

COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER
Red Lacquer Coating	None
Aluminum Foil	7429-90-5
Fiberglass Yarn	65997-17-3
Kraft Paper	None
Acrylic Adhesive	None
Silicone Release Liner	None


TYPICAL PHYSICAL PROPERTIES

PROPERTIES	METRIC	IMPERIAL	TEST METHOD
Backing Thickness	120 Micron	4.8 Mil	PSTC - 133 / ASTM D 3652
Total Thickness	170 Micron	6.8 Mil	PSTC - 133 / ASTM D 3652
Adhesion to Steel	15 N / 25 MM	54 Oz / In	PSTC - 101 / ASTM D 3330
Tack Rolling Ball	10 cm	4.0 in	PSTC - 6 / ASTM D 3121
Tensile Strength	120 N / 25 mm	27.3 Lb / in	PSTC - 131 / ASTM D 3759
Elongation	-	1.0	PSTC - 131 / ASTM D 3652
Service Temperature	-30 ~ + 80 °C	-22 ~ +176 °F	-
Fire Rating	25 / 50 & Class 0	25 / 50 & Class 0	UL 723 & BS476 Pt. 6 & 7

HANDLING AND STORAGE:

Handling: Avoid inhaling fumes from heated material.

Storage: Store at room temperature in a dry area away from direct sunlight.

Ingestion Prevention: Do not ingest.

WARRANTY

TuffStrand-WRB™ tape is furnished with a limited 25-year system warranty when used properly with TuffStrand-WRB™ sheathing.

See <https://royomartin.com/product/tuffstrand-wrb/> for details.

FIRST AID MEASURES:

- Eye Contact: Not anticipated under normal use. Flush with water if irritation occurs.
- Skin Contact: Wash with soap and water if irritation occurs.
- Inhalation: Remove to fresh air if exposed to fumes from heated product. Seek medical attention if symptoms persist.
- Ingestion: Not a likely route of exposure. Seek medical attention if symptoms occur.

Disclaimer:

This Safety Data Sheet is provided based on current knowledge and information available. No warranty is expressed or implied regarding the accuracy or completeness of this data. The user is responsible for determining the suitability of this product for any intended purpose.