

PRODUCT DATA SHEET

MULE-HIDE TPO PRESURE-SENSITIVE RUSS™ (10")

PRODUCT DESCRIPTION

The 10" wide TPO Pressure-Sensitive RUSS consists of a strip of nominal 0.045" (1.14mm) thick reinforced TPO membrane and a strip of nominal 0.035" (0.89mm) thick, fully cured synthetic rubber pressure sensitive tape laminated along each edge. The pressure sensitive adhesive is non-staining and will not affect the color of the membrane over time. The reinforced TPO membrane is 10" (250 mm) wide while each adhesive strip is 3" (75mm) wide.

BASIC USES

The 10" wide TPO Pressure-Sensitive RUSS is used in place of narrow width sheets to secure membrane in the perimeter area of the roof. The use of this product allows field membrane to be utilized over the entire roof area. The use of this product is ideal when multiple perimeter sheets or non-standard perimeter spacings are required.

TYPICAL PROPERTIES AND CHARACTERISTICS

10" wide TPO Pressure-Sensitive RUSS

Base	Membrane-TPO (Polyester Reinforced) Adhesive-Synthetic Rubber
Thickness	Membrane 0.045" (1.14mm) Adhesive 0.035" (0.89mm)
Size	10" x 100' (250mm x 30m)
Packaging	100 lf/ctn (30m) - 1 rolls
Weight/Carton	32 lbs. (14.5 kg)
Shelf Life	1 year

STORAGE

TPO Pressure-Sensitive RUSS must be stored in a **dry** area. Job site or warehouse storage temperatures in excess of 90°F (32°C) may affect product shelf life. Prolonged job site or warehouse exposure to temperatures below 40°F (4°C) will cause tape adhesive to lose tack and in extreme cases not bond to the membrane. If this situation is encountered, remove TPO Pressure-Sensitive RUSS to a warm area and allow it to return to a minimum of 60°F (15°C).

PRECAUTIONS

TPO Pressure-Sensitive RUSS may only be installed on horizontal surfaces. Mule-Hide MH-HD 15 Fasteners and MH-HD Plates (Piranha Plates and Carlisle HP-X Fasteners are acceptable alternatives) must be used when installing the 10" wide TPO Pressure-Sensitive RUSS with TPO membrane. Due to solvent flash-off, condensation may form on freshly applied Tape Primer when the ambient temperature is near the dew point. If condensation develops, the application of primer and installation of TPO Pressure-Sensitive RUSS must be discontinued as proper adhesion will not be achieved. Allow the primer surface to dry and apply a thin freshener coat of Tape Primer to the previously coated surface when conditions allow. Review the applicable Material Safety Data Sheet for complete safety information.

KEEP OUT OF REACH OF CHILDREN.

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Date 01/01/2006

MULE-HIDE PRODUCTS CO., INC.

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MULE-HIDE TPO PRESURE-SENSITIVE RUSS™ (10")

INSTALLATION INSTRUCTIONS

1. Unroll and position the 10" wide TPO Pressure-Sensitive RUSS over the insulation substrate where membrane securement is desired. Locate the RUSS with the fastener markings and tape facing upwards.
2. Position Mule-Hide MH-HD Seam Plates 12" (300mm) on center maximum and secure with an appropriate fastener*. Do not fasten plates over top of the release liner as this will cause the liner to tear when removed.
3. Remove any dirt or dust resulting from plate installation. Any residual dust/dirt will be detrimental to the bond strength of the tape adhesive.
4. Position the TPO membrane and **thoroughly clean the underside of the TPO membrane using Weathered Membrane Cleaner if necessary.** (The entire membrane surface where the tape is to contact must be clean. The adhesive on the TPO Pressure Sensitive RUSS will not adhere to dusted / dirty surfaces).
5. Roller apply Tape Primer to the underside of the TPO membrane in the area that will come in contact with the 3" wide tape. The properly primed area will be uniform in color without streaks and free from globs or puddles.
6. Remove the release liner from the tape on the TPO Pressure-Sensitive RUSS pulling it parallel to the roof deck.
7. Once the Tape Primer has dried to the touch, roll the deck membrane onto the exposed tape and apply hand pressure to the seam area.
8. Roll the entire 10" (250mm) width of the TPO Pressure-Sensitive RUSS seam area with a 2" (50mm) wide roller using positive pressure.
9. To achieve proper adhesion of the TPO Pressure-Sensitive RUSS when job site temperatures fall below 40°F (5°C), heat the cleaned / primed area of the TPO membrane with a hot air gun as it is applied and pressed into the tape.

* Contact Mule-Hide for appropriate fasteners as the type of fastener will change with the deck type. Carlisle Piranha Plates and Carlisle labeled fasteners may be an acceptable alternatives to the Mule-Hide labeled fasteners/plates.

TECHNICAL SERVICES

Contact Mule-Hide Products Co., Inc. at 608/365-3111 for technical service information.

DISCLAIMER

The statements provided concerning the material shown are intended as a guide for material usage and are believed to be true and accurate. No statement made by anyone may supersede this information, except when done in writing by Mule-Hide Products Co., Inc. Since the manner of use is beyond our control, Mule-Hide does not make nor does it authorize anyone to make any warranty of merchantability or fitness for any particular purpose or any other warranty, guarantee or representation, expressed or implied, concerning this material except that it conforms to Mule-Hide's physical properties. Buyer and user accept the product under these conditions and assume the risk of any failure, any injury of person or property (including that of the user), loss or liability resulting from the handling, storage or use of the product whether or not it is handled, stored or used in accordance with the directions or specifications. Mule-Hide must be notified in writing of any claims and be given the opportunity to inspect the complaint or failure before repairs are made.

RUSS™ is a trademark of Carlisle Corporation.

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