

1. PRODUCT NAME

RST

2. MANUFACTURER

PROFLEX® Products, Inc.
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3. PRODUCT DESCRIPTION

PROFLEX® RST (Rubber Seam Tape) is a 28 mil tape for seaming PROFLEX® underlayment membranes. PROFLEX® RST consists of a rubberized membrane laminated to a high-strength, reinforcing Mylar film on the face and a siliconized release sheet on the adhesive side. When used with PROFLEX® membranes, PROFLEX® RST will form a seamless, monolithic, sheet over the substrate.

Uses

PROFLEX® RST is a specially designed companion product to be used under all PROFLEX® membranes. When used with PROFLEX® membranes, PROFLEX® RST will create a monolithic, seamless, barrier resistant to the transmission of moisture vapor from a substrate. Other applications may be suitable, contact technical support for further information. To eliminate vapor, cracks, or water intrusion in or below the finished floor work, the product combination should be applied to the entire substrate prior to the installation of the finished flooring.

Suitable Surfaces

- Concrete (Poured, Pre-stressed, Pre-cast)
- Cement terrazzo
- Cement Backerboard
- Cured Mortar Beds
- Exterior Grade Plywood and other materials (contact Technical Support)
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Packaging

4" x 100' rolls, 6 rolls per Carton

Cautions and Limitations

- Substrate must be primed with PROFLEX® Primer.
- Proflex shall be installed in compliance with the most current edition of the following publications: Proflex Installation Instructions, ANSI (American National Standards Institute) TCNA (Tile Council of North America) handbook for ceramic tile Installation, MIA (Marble Institute of America) Dimension Stone Design Manual .
- Proflex requires consultation with your selected manufacturer of Thin- sets, Mortars, and adhesives to ensure selected product is suitable for use with Proflex elastomeric membranes. Mortars should be at a minimum ANSI 118.11 specification.
- Not for use over expansion joints (structural design joints) or structural (out-of-plane) movement cracks. Use of this product does not eliminate the need for movement joints, including perimeter joints within the tiled surface. Perimeter expansion of 1/4" minimum must be maintained for warranty. Movement joints shall be installed within the industry standards in the publications listed in point 2 of the Cautions and Limitations section of this publication.
- Not recommended for use on concrete floors when hydrostatic pressure is present. Proflex recommends testing the substrate prior to installation of product using a Calcium-Chloride (CaCl) test kit, and /or concrete test for relative humidity (Rh)
- Impervious tile (less than 0.5% absorption) may require a 48-hour cure prior to grouting. The mortar will be sandwiched between two non absorptive materials and will require additional cure time.

- Cooler weather will also increase set time.
- Protect Primers from freezing.
- This product should not be stored in direct sunlight.

4. TECHNICAL DATA

Physical Properties

Property	Test Method	Results
Total Thickness		28 mil.
Mylar Thickness		3 mil.
Elongation	ASTM D882	350% min.
Tensile MD	ASTM D882	32,000 psi
Modulus	ASTM D882	600,000 psi
Pliability	ASTM D146	Pass-25F
Shrinkage	30 mins @ 150°C	2%
Adhesion to Plywood	ASTM D1790	8 lb/in.
Adhesion to Primed Concrete	ASTM D902	10 lb/in.
Robinson Test	ASTM C627	Heavy-duty

5. INSTALLATION

PROFLEX® RST is to be used in conjunction with PROFLEX® Elastomeric Membranes.
Refer to PROFLEX® Elastomeric Membrane PDS for installation instructions.

If PROFLEX® is to be used as a vapor barrier, apply Rubber Seam Tape (PROFLEX® RST) beneath all seams, after the surface has been primed. The 4" rubber seam tape should be centered under every seam. The RST will need to be pre-positioned and installed prior to the installation of the PROFLEX® membrane. Place PROFLEX® Membrane with release paper still attached over the area to be treated. Unroll the membrane and cut leaving a 2"-3" excess at one end.

Method 1: Fold membrane lengthwise. Peel ½ of the release paper from the leading edge of the membrane and slowly pull the release paper toward you, exposing the tacky surface of the membrane and carefully attaching the membrane onto the primed surface, avoiding wrinkles and bubbles.

Method 2: Roll up ½ of the membrane, leaving the other half unrolled. Cut the release paper from the portion of the membrane and slowly pull the release paper toward you, exposing the tacky surface of the membrane and carefully attaching the membrane onto the primed surface, avoiding wrinkles and bubbles. Repeat the procedure with the unrolled portion of the membrane.

6. AVAILABILITY

Proflex Products are available nationwide.

To locate Proflex products in your area, please contact:

Phone: 877-577-6353

Website: www.proflex.us

7. WARRANTY

PROFLEX Products, Inc. offers a limited warranty for this product when used in accordance with printed specifications. A copy of the limited warranty can be obtained by calling technical services at 877-577-6353 or visiting www.proflex.us

8. MAINTENANCE

None required, but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

9. TECHNICAL SERVICES

Technical assistance

Information is available by calling the Technical Support

Toll Free: 877-577-6353

Fax: 863-937-9624

Technical and safety literature: To acquire technical and safety literature, please visit our website www.proflex.us

10. FILING SYSTEM

Division 9