



**SANDELL'S EPDM FLASHING**

**Product:**

EPDM (ethylene propylene diene monomer rubber)

**Description:**

Sandell has revolutionized EPDM manufacturing technology with cured membrane, the first single-ply roofing material that is truly clean.

**Installation Enhancements:**

- ❖ Cost effectiveness
- ❖ Application ease
- ❖ Aesthetically appealing
- ❖ Versatile users varying from roofing contractors, specifiers and building owners.
- ❖ Splice cleaning for adhesive seams has been eliminated (except for incidental roof-top debris) as the sheets are virtually dust free.
- ❖ Roofing crews will realize a 75% reduction in Sando-Tape application time as primers may be roller applied.

**APPLICATION:**

Surface preparation: Surface must be dry, have smooth finish free of voids, spalled areas, sharp protrusions, loose aggregate, and form release agents. Set marks for sheet overlaps and fastener patterns are manufactured right on to the sheet, resulting in a membrane that is ready to install. Also, the appearance of the sheet is darker providing increased visual appeal. Cured 54" - 7' and 10' wide membrane is obtainable in .045" thick EPDM polyester. Reinforced for mechanically fastened systems. For fully adhered systems, 10' wide .060" thick non-reinforced EPDM is available. With the mechanically fastened system, installation is mechanically attached to the roof deck and membrane is secured with seam fastening plates and fasteners. Membrane splicing can be completed by using either Sandell's Sando-Dry Mastic, or Sandell's Sando-Tape (pressure sensitive adhesive on a clear poly backing and primer). The fully-adhered roofing system begins using fasteners and insulation plates or Sandell's adhesive. The substrate and membrane are then coated with Sandell's bonding adhesive and the membrane is rolled into place and brushed down. The seam is completed with the application of Sando-Tape or Sandell's patented seaming process.

**Built-In Application:**

Precut Sandell EPDM Rubber Thru-wall Flashing to fit each location. Lay material into mortar joint avoiding wrinkles and buckles. Material should extend sufficiently into mortar joint to hold the flashing material in place.

**Surface Mounted Application:**

Precut Sandell EPDM Rubber Thru-Wall Flashing to fit each location. Apply spray adhesive in the area to receive Sando-Tape. Contact Sandell for acceptable spray adhesive. Adhesive should not be allowed to over-dry. Apply Sando-Tape and firmly press into place. Peel and remove the clear release liner. Carefully place Sandell's EPDM Rubber Thru-Wall Flashing over the tape applying firm hand pressure to mate the two surfaces. Roll the matted area with a steel roller cross the width of the tape. Apply and feather Sando-Seal lap sealant over the edge of the matted surface. The sealant should be applied in a sufficient consistency to prevent pockets and depressions where moisture can accumulate.

PROPERTY	ASTM TEST METHODS	TYPICAL
Thickness, inches	D 412	.040 +/- 10% & .060 +/- 10%
Tensile Strength	D 412	1600 PSI
Elongation	D 412	500%
Tear Resistance	D 624 Die C	200 LBF/IN
Brittleness Temp	D 746	-85° F (-65°C)
Water Vapor Permeance	E 96	.05 perms
Resistance to Water Absorption % change in mass After 7 day immersion @ 158° F	D 471	2
Resistance to outdoor (UV). Weathering, 7560 KJ/m total radiant Irradiance, 176° F (80°C) black panel Temperature.	G 4637 conditions	No Cracks No Crizzling
Ozone Resistance 100 Pphm @ 104° F for 168 Hrs with 50% strain	D 1149	No Cracks

**TECHNICAL ASSISTANCE:**

Call Sandell directly for technical assistance or product questions:

- New York: 800.283.3888
- Alabama: 877.726-3355
- Wisconsin: 800.323-3565

[www.sandellmfg.com](http://www.sandellmfg.com)

Amendments / Notes:

--	--

Sandell Employee:

Date:

**CORPORATE OFFICE  
NEW YORK  
Toll Free: 800-283-3888  
Fax: 518-357-9757**

**BRANCH OFFICE  
ALABAMA  
Toll Free: 877-SANDELL  
Fax: 205-263-1033**

**BRANCH OFFICE  
WISCONSIN  
Toll Free: 800-323-3565  
Fax: 414-764-6993**