

# ROYAL EDGE NON-REINFORCED FIRE RETARDANT EPDM MEMBRANE TECHNICAL DATA SHEET

## PRODUCT DATA

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APPEARANCE, ODOR: GREY, VISCOUS PASTE, ALIPHATIC ODOR
BASE: BUTYL RUBBER
FLASH POINT: 14° F (-10.0° C), CLOSED CUP
VISCOSITY: 1,600,000 ± 300,000 CPS
POUNDS PER GALLON: 10.93 LB/GAL (1.31 KG/L)
SPECIFIC GRAVITY: 1.31
SOLVENTS: HEPTANE



**DESCRIPTION:**

RPI Water Cut-Off Mastic is a weather resistant one part sealant designed to be used as a compression gasket. It is used as a compression sealant with Pipe Boots, Termination Bars, Drain Clamping Rings, and other details required by RPI Specifications. Water Cut-Off Mastic is not designed to be used as an exposed caulk.

**APPLICATION INSTRUCTIONS:**

Prior to applying RPI Water Cut-Off Mastic; all surfaces must be clean, dry, and free from dust and loose debris and other contaminants including oils and grease.

1. When installing a Pipe Boot, apply a 3/8" bead of Water Cut-Off Mastic around the pipe, approximately 1" higher than the Pipe Boot height on the pipe. Slide the Pipe Boot down and over the Water Cut-Off Mastic. Finish Pipe Boot installation according to RPI Specifications.

2. Prior to installing a Termination Bar, peel the membrane approximately 1" away from the substrate and apply a 3/8" bead of Water Cut-Off Mastic to the substrate. Mate the membrane into the Mastic and install the Termination Bar according to RPI Specifications.
3. When terminating membrane under a shingle roof, peel the top edge of membrane back approx. 1" and apply a 3/8" bead of mastic. Mate the membrane to the mastic and nail the membrane approximately 6" OC.
4. During the installation of an RPI EPDM system, the roof can be temporarily sealed using Water Cut-Off Mastic. The excess mastic must be cleaned from any areas of membrane required for creating seams.

**PACKAGING AND COVERAGE RATE:**

10.5 oz. tube:  
 Packaged 25 tubes per box. Coverage rate is approximately 10 feet (3.1 meters) per tube when applied in 3/8" to 1/2" bead.

### **STORAGE:**

1. Store Water Cut-Off Mastic in a cool dry area in original sealed containers. Maintain temperatures between 60°F (15.6°C) and 80°F (26.7°C). Store away from all sources of heat, flame, and ignition.
2. Use only when product is at room temperature.
3. Keep container sealed until product is to be used. Do not allow container to remain open between usage.

### **SHELF LIFE:**

1. A shelf life of one year can be expected if stored in recommended conditions and temperatures. Shelf life may be shortened if exposed to high temperatures.

### **PRECAUTIONARY DATA:**

1. Water Cut-Off Mastic is flammable. Store and use away from all sources of direct heat, ignition, and sparks. Keep away from open flames. Always keep containers closed when not in use.
2. Do not smoke when using.
3. Do not thin.
4. Do not breathe vapors.
5. Recommended cleaners are Naptha, Mineral Spirits, or Kerosene.
6. Refer to RPI MSDS Sheets for additional precautionary data.
7. Red caution labels are required when shipping Water Cut-Off Mastic.
8. Use only in well ventilated areas.
9. Intended for use by skilled roofing contractors.
10. Keep out of reach of children.

Information stated on this Roofing Products International, Inc. Data Sheet is intended to provide basic guidance as to storage, application, coverage, shipping, and other product data. Information is subject to change without notice. For more information regarding this product, refer to RPI MSDS, and the RPI Specification Manual. As neither Roofing Products International, Inc. nor its representatives practice structural engineering or architecture, RPI disclaims any responsibility and offers no opinion as to the structural soundness of any structure on which its products may be applied. The building owner should obtain the services of a competent structural engineer before proceeding. RPI accepts no responsibility for any structural failure or resultant damages. No Roofing Products International, Inc. representative is authorized to vary this disclaimer.



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