



**Physical Properties**

<b>Appearance</b> Fabric with adhesive backing	<b>Elongation (Initial)</b> 85% MD (ASTM D-1682)	<b>Maximum VOS</b> 0 lbs/gal
<b>Application Temperature</b> 50° F. and rising	<b>Flash Point</b> 430°F	<b>Thickness (mils, dry)</b> 75 mils (ASTM D-1777)
<b>Color</b> Black	<b>Maximum VOC</b> 0 g/l	<b>Water Vapor Permeance</b> 0.1 perms (max.) (ASTM E-96 Method B)

**Description**

**HE600 - RUF-TAC** is a tough SBS-modified roofing membrane manufactured by Henry Company. The adhesive asphalt underside is self-adhering to most substrates without the need for heat or adhesives. **HE600 - RUF-TAC** is easy-to-apply, waterproof and has excellent elongation. The non-woven polypropylene fabric reinforcement provides strength and endurance with superb flexibility. The release paper on the under side prevents sticking in the roll and protects the self-adhesive asphalt layer prior to application. Side laps are self-sealing; end laps are sealed with **Henry # 209 Elastomastic**. A protective/reflective coating or other surfacing is required to protect the surface of **HE600 - RUF-TAC** from solar rays.

### USES

- Sealing metal edging and flashing metal.
- Base and Wall flashings.
- Sealing end laps of metal coping and expansion joints.
- Sealing joints and fasteners on corrugated metal and air conditioning ducts.
- Repair of splits, breaks and blisters in built-up roofs.
- Flashing air conditioning supports.
- Mobile home, patio, and room addition roofs.
- SBS-Modified roofing systems especially suited for small or hard-to-work in areas.
- Ice shield under shingles and tile roofs.

### IMPORTANT PHYSICAL PROPERTIES

#### 1) Grab Tensile

- 180 lbs. MD (ASTM D-1682)
- 190 lbs. XMD (ASTM D-1682)

#### 2) Elongation

- 85% MD (ASTM D-1682)
- 75% XMD (ASTM D-1682)

#### 3) Strip Tensile

- 60 lbs./in. (ASTM D-822)

#### 4) Puncture Resistance

- 200 lbs. (ASTM E-154)
- 80 lbs. (CW02215 - Corps of Engineers)

## Coverage

### SIZES

- 36" X 38'-----50 lbs. each (1roll/ ctn)
- 9" X 50'-----12.5 lbs each (4 roll/ctn)
- 12" X 50'-----16.6 lbs each (3 roll/ctn)

### COVERAGE

- 36" X 38' -----104.5 sq.ft.
- 9" X 50'-----37.5 sq. ft.
- 12" X 50'-----50 sq. ft.

## Surface Preparation

Prime perimeter edges, base of protrusions, concrete, metal, and wood with **Henry #103 or #104 Asphalt Primer** and allow to dry.

**Roof Repairs:** Cut and flatten blisters, curled edges, and unnecessary projections to provide a smooth, even surface.

Clean the substrate, removing all gravel, water, dust, residues, dirt, and oil. Roof must be dry, clean and smooth. Prime dusty surfaces with a light coat of **Henry Asphalt Primer** and allow to dry.

### Compatibility Rating of Substates with Ruftac®

- Aluminum Sheet, Sheet Metal, Asphalt Coating, Concrete - Good.
- Existing Built-Up Roof (with gravel removed), or Buffer Layers - Good.
- Fiberglass Base of Ply Sheet, Gypsum Board, Plywood - Good.
- Fiberglass Insulation Board - Fair.

## Application

The procedures that follow are intended as a general guide. For greater detail, U.L. Approved Systems, or other installations contact a Henry representative.

**Roof System:** Contact a Henry representative for recommendations.

**Base Flashing:** (a) where cant strips are parallel to the **HE600 - RUF-TAC** membrane direction, install the membrane to the base of the cant only. Reinforce the angle with 12" wide **HE600 - RUF-TAC** extending 6" on the deck then apply a second layer extending from the top of the base flashing to a line on the deck 14" from the cant strip. All 4" laps without the self-sealing edge shall be sealed with a ribbon of Elastomastic extending 2" onto the substrate. (b) Where cant strips are at right angles to the membrane direction, install the membrane to the top of the cant. Cover the base flashing area with 36" width **HE600 - RUF-TAC** extending from the top to the flashing on the deck 14" from the cant strip. The 12" wide angle-reinforcing strip referred to in (a) above may be omitted.

**Metal Edge Flashing:** (a) Where existing metal edging is to be reused, extend the base sheet to the inner edge of metal and the 12" **HE600 - RUF-TAC** to within an inch of the lip and press the outer 2" of membrane into a ribbon of Elastomastic. (b) Where new metal edging is required, extend the base sheet and **HE600 - RUF-TAC** 2" over the edge of the roof, install the new metal over it and seal in the primed metal flange with a 12" strip of **HE600 - RUF-TAC**. Press both edges of **HE600 - RUF-TAC** strip into a ribbon of Elastomastic.

**Protective Coating:** Coat all **HE600 - RUF-TAC** surfaces with **Henry # 229, # 220, or # 520 Aluminum Fiber Coating** applied at the rate of 1-1/2 gallons/100 sq. ft. In valley and low areas, a base coat of **Henry # 107 or # 307 Asphalt Emulsion** is recommended prior to the aluminum coating. Apply Emulsion at 3 to 6 gallons/100 sq. ft. Coating may be applied as soon as **HE600 - RUF-TAC** is completely adhered, or may be delayed for several weeks after membrane application, if surface is thoroughly cleaned.

**Limitations:** Temperatures above 50° F. are required for easy application of **HE600 - RUF-TAC**. Lower temperatures may necessitate the use of heating equipment. Application directly over gravel surface is not recommended. Do not allow adhesive layer to fold over and contact itself as separation is virtually impossible, particularly in warm weather.

## Cleanup

Asphalt can be removed by use of mineral spirits, paint remover, or kerosene. Use caution when handling solvents.

## Caution

**WARNING:** This product contains detectable amounts of chemicals known to the State of California to cause cancer, or birth defects or other reproductive harm.

**EMPLOYERS** should obtain a copy of the **Material Safety Data Sheet (MSDS)** from your supplier or directly from Henry at the toll free number or website below.

## Product Sizes

12IN X 50FT ROLL (23 lb)

36IN X 38FT ROLL (52 lb)

## Limited Warranty

We, the manufacturer, warrant only that this product is free of defects, since many factors which affect the results obtained from this product - such as weather, workmanship, equipment utilized and prior condition of the substrate - are all beyond our control. We will replace at no charge any product proved to be defective within 12 months of purchase, provided it has been applied in accordance with our written directions for uses we recommended as suitable for this product. Proof of purchase must be provided. **DISCLAIMER OF WARRANTIES AND LIMITATION OF LIABILITY: THIS LIMITED WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES EXPRESS OR IMPLIED INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FOR A PARTICULAR PURPOSE. MANUFACTURER SHALL HAVE NO LIABILITY OF ANY KIND BEYOND PRODUCT REPLACEMENT, INCLUDING FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM ANY DEFECTS OR ANY DELAYS CAUSED BY REPLACEMENT OR OTHERWISE. THIS LIMITED WARRANTY PROVIDES THE PURCHASER'S EXCLUSIVE REMEDY FOR ANY DEFECT IN THE PRODUCT.**