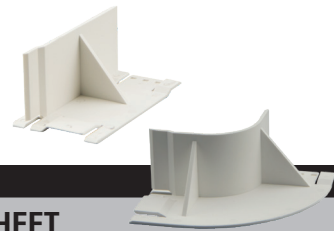




ShapeShift®

Corners and Straights



PRODUCT DATA SHEET

DESCRIPTION

MuleHide ShapeShift consists of straight and corner sections that can be used to create pitch pans for sealing around penetrations on all flat roofs. ShapeShift is designed to be configured in a variety of sizes and shapes to accommodate various roof penetrations. Once assembled, the pitch pans may be filled with ShapeShift semi-self-leveling sealer or JTS 1 Joint and Termination Sealant. When installing the pitch pans on a vertical surface, the JTS 1 sealant must be used to fill the pan.

ShapeShift is used on horizontal surfaces of mod bit roof systems to flash penetrations. ShapeShift may also be used on vertical surfaces of EPDM, TPO, PVC/KEE HP or mod bit roof systems to flash penetrations.

INSTALLATION INSTRUCTIONS

Roof surface must be clean and dry.

Using four ShapeShift corners and the appropriate number of ShapeShift straights (as required for size of pitch pan), push the ShapeShift pieces together until there is an audible click. Assure there is a minimum clearance of 1" between penetration and side of the ShapeShift sections.

Horizontal Application on Mod Bit

Apply three 1/4" diameter ribbons of JTS 1 to underside flange of the ShapeShift sections and firmly seat ShapeShift onto the roof surface.

Fill the pitch pan halfway with ShapeShift semi-self-leveling sealer, One-Part Pourable Sealer or JTS 1 Sealant. Using a chip brush, apply a thin layer of the sealer/sealant on sides of penetration to help prevent voids. Continue filling ShapeShift to top of pan with the sealer/sealant. Tool and form sealer/sealant to slightly crown from penetration to outside of pan.

Vertical Application on EPDM, TPO, PVC/KEE HP or Mod Bit

Primer requirements based on membrane type:

- **Mod Bit** - No primer required
- **EPDM** - Prime membrane, interior walls of pitch pan and projections with Tape Primer or Low-VOC Primer
- **TPO** - Prime membrane, interior walls of pitch pan and projections with TPO Primer or Low-VOC Primer
- **PVC** - Prime interior walls of pitch pan and projections with Tape Primer, TPO Primer or Low-VOC Primer

Primer must be allowed to flash off until tacky or dry prior to filling pan.

Apply three 1/4" diameter ribbons of JTS 1 to underside flange of the ShapeShift sections and firmly seat ShapeShift against the vertical surface. Seal outside edges of the ShapeShift components with an additional bead of JTS 1. Mechanically attach the pitch pan to the substrate with appropriate fasteners (type used is dependent on the material to which the pan is being attached). Make sure the fasteners penetrate through the ribbons of the JTS 1. Seal the heads of each fastener with JTS 1. JTS 1 must be used to fill the pitch pan. Tool the JTS 1 to provide a smooth surface flush with the top edges of the pan. Do not use black JTS 1 when ShapeShift is used on TPO or PVC/KEE HP.

COLORS

White

PACKAGING

- ShapeShift corners are packaged 16 per carton or 48 per carton
- ShapeShift straights are packaged 16 per carton
- Small ShapeShift Kit (16 corners, 1 - 2 liter pouch of MP Liquid Sealant in white and 2 cartridges of JTS 1 in white)
- Large ShapeShift Kit (16 corners, 16 straights, 2 - 2 liter pouches of MP Liquid Sealant in white and 3 cartridges of JTS 1 in white)

STORAGE & HANDLING

ShapeShift corners and straights have an indefinite shelf life with proper storage and handling.

PROTECTION & SAFETY

MuleHide maintains safety data sheets on all of its non-exempt products. Safety data sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers. MuleHide's safety data sheets should be read and understood by all of your supervisory personnel and employees before using MuleHide products in your facilities.

ADDITIONAL INFORMATION

On projects where a MuleHide standard or premium warranty is requested, an authorized MuleHide representative shall inspect all completed work.

The information given on this PDS is subject to change without notice. Always check the MuleHide website at www.mulehide.com for the latest information, changes and updates or contact MuleHide at 800-786-1492.

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