

FLASH-TITE

CONE & B-VENT FLASHING COATED WITH HI-TUFF TPO

DESCRIPTION & USE

FLASH-TITE CONE and B-VENT FLASHING COATED WITH HI-TUFF TPO is a pre-manufactured, weather-tight solution for hot HVAC ducts/pipes. It is ideal for use with LEXCAN HI-TUFF TPO membrane roofs. The TPO coated flange allows for a thermally fused bond/seal to the flashing with the membrane as opposed to a bond/seal with adhesives, primers or mastics.

Seamlessly spun from aluminum, the cone-shaped design ensures that combustible roof deck materials are kept at a safe distance from the duct or pipe, while allowing heated air to vent out the top. An adjustable rain collar facilitates easy installation on hot (double wall) HVAC ducts or pipes.

FEATURES & BENEFITS

Thermally fused - Adhesives, mastics and sealants can break down over time; whereas thermally fused materials are bonded/welded for longer lasting performance.

Seamless Flashing - Flashing is spun from a single piece of aluminum. There are no weld joints that can crack and leak due to residual stress.

Adjustable Rain Collar - Galvanized steel rain collar can be adjusted to accurately fit the HVAC duct or pipe.

Wide Flashing Flange - For assured adhesion and sealing to the roof membrane.

TECHNICAL DATA

Flashing	
Base Metal	1.6 mm (0.064") Aluminum
Base Flange Width (all sizes)	min. 95 mm (3.75")
Thickness of TPO Coating :	min. 0.51 mm (20-mil)

Rain Collar	
Metal	0.6 mm (22 ga.)
Width	51 mm (2")
Fastener	Stainless steel screw



Available sizes for Hot Pipe diameters of	
76 mm (3")	152 mm (6")
102 mm (4")	203 mm (8")
127 mm (5")	

INSTALLATION

1. Extend base roofing membrane up to the edge of the hole in the deck.
2. Centre the flashing around the duct or pipe. If no duct or pipe exists, centre the flashing around the hole in the deck. Note: there should be a clearance between the top of the base flange and the duct or pipe.
3. Apply an adhesive, compatible with the roof membrane, to the underside of the flashing flange.
4. Apply a heavy bead of a non-sagging, heat resistant sealant around the circumference of the duct or pipe, 25 mm (1.0") above the top of the flashing.
5. Adhere the flashing to the roof membrane.
6. Place appropriately sized membrane flashing (TPO target patch) over top of the flashing flange, minimum 152.4 mm (6") past the flange on all sides, cut hole at the center of the target patch to the appropriate size.
7. Fully weld the target patch to the flange and field sheet.
8. Check welds with seam probe to ensure no voids.



COMMERCIAL BUILDING PRODUCTS

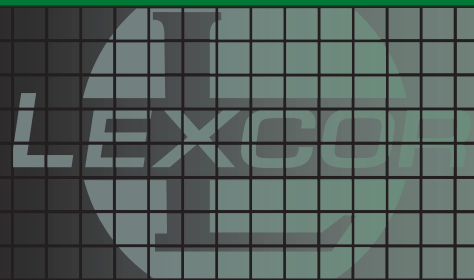
Ontario & Western Canada 1.800.268.2889 / Quebec & Atlantic 1.800.363.2307

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9. Apply CUT-EDGE SEALANT, as required.
10. Flash the Cone / B-Vent Flashing into the roof membrane as recommended by the roof membrane manufacturer or as per NRCA or CRCA guidelines. Use good roofing practice to ensure a permanent, water-tight seal.
11. Slide the rain collar down the pipe so that it is resting on the bead of sealant. Ensure that there is approximately 25 mm (1.0") space between the top of the flashing and the collar. Tighten the screw(s) in the rain collar to secure the collar to the duct or pipe.
12. Apply sealant around the rain collar / pipe joint and the expansion joint in the collar. Ensure that the rain collar is watertight.

SPECIFICATION

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Spec Note: Delete inappropriate choices from within square brackets [].

1. Hot HVAC ducts or pipes shall be flashed to the roof membrane with hot duct or pipe flashings, fabricated from seamless spun aluminum with a minimum TPO coat thickness of 0.51 mm (20-mil). Install in strict accordance with the manufacturer's directions and flash into the roof membrane in accordance with [the roofing membrane manufacturer's; NRCA; CRCA] directions and good roofing practice.
2. ACCEPTED PRODUCT: FLASH-TITE CONE and B-VENT FLASHING, by LEXCOR, distributed by Lexsuco Corporation (www.lexsucocorporation.com, Tel: 800.268.2889, E-Mail: info@lexsucocorp.com).

WARRANTY

This product's lifetime warranty ensures it remains free from manufacturing defects and will perform its intended function throughout the entire lifespan of the roofing system.



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