



PRODUCT TECHNICAL DATA SHEET

General description

Offering exceptional R-value performance, the ISOCANT polyisocyanurate foam cant strip from the ISOX product line is both durable and lightweight. It is an ideal choice for your next commercial roofing project where the installation of a cant strip is required either by the manufacturer or by the professional. The 45-degree angle at the joints creates an unbreakable bond and a smooth, continuous transition between horizontal and vertical surfaces on commercial and industrial roofing systems.

Packaging

When packaged, the ISOCANT cant strip bundle contains 16 pieces of 4 feet (48"), for a total of 64 linear feet per bundle.

Number of bundles per pallet: 30 bundles

Weight per bundle: 1.98 kg (4.36 lbs / bundle)

Weight per pallet : 59.4 kg (130.68 lbs / pallet)

General specifications

ISOCANT from the ISOX product line meets the requirements of CAN/ULC S-704 for Type 2, Class 3 materials, as well as ASTM C1289 requirements for Type II, Class 2, Category 2 materials.

ISOCANT can receive any type of adhesive (hot- or cold-applied).

ISOCANT cant strips are 75 mm x 75 mm (3" x 3") with a 45-degree angle having a 100 mm (4") surface and are 1220 mm (48") in length.



isocant polyisocyanurate foam commercial roof cant strip - durable and lightweight

Lightweight and easy to handle, the ISOCANT polyisocyanurate foam commercial roof cant strip from the ISOX product line is designed to be integrated into hot- or cold-applied modified bitumen systems or multi-layer systems. It is coated on both sides with an acrylic-coated inorganic fiberglass facer. This product features an inorganic facer providing superior resistance to moisture and fungal growth.

CHARACTERISTICS	UNITS	MEETS OR EXCEEDS	STANDARD	TEST METHOD	MINIMUM STANDARD LIMIT
Length tolerance :	mm (in)	$\pm 4 (\pm 0,16)$	CAN/ULC-S704	ASTM C303	+ 6 (+ 0,25) - 4 (- 0,16)
Width tolerance :	mm (in)	$\pm 2 (\pm 0,08)$	CAN/ULC-S704	ASTM C303	+ 4 (+ 0,16) - 2 (- 0,08)
Dimensional stability (SM/ST) At -29°C: At -80°C: At 70°C, 97% relative humidity:	% % %	-0,02/-0,03 -0,02/-0,17 0,30/0,80	CAN/ULC-S704	ASTM D2126	max: ± 2 max: ± 2 max: ± 2
Water vapor permeance :	ng/Pa•s•m ²	>60	CAN/ULC-S704	ASTM E96	>60
Water absorption :	% by volume	Compliant	CAN/ULC-S704	ASTM D2842	max: 3,5
Compressive strength* :	kPa (psi)	140 (20)	CAN/ULC-S704	ASTM D1621	min: 140 (20)
Flexural strength SM : ST :	kPa (psi)	275 (39,3)	CAN/ULC-S704	ASTM C203	min: 275 (39,3)
Long-term thermal resistance (LTLR): Thickness: 15.88 mm (0.625 in) 25 mm (1 in) 50 mm (2 in) 75 mm (3 in) 102 mm (4 in)	m ² •°K/W (BTU/hr•pi ² •°F)	1,00 (5,7) 2,00 (11,4) 3,00 (17,1) 4,14 (23,6)	CAN/ULC-S704	CAN/ULC-S770	—

*Test performed on cured sample using the modulus between two points at 10% deformation. Product resistant to 172 kPa (25 psi), compliant with ASTM C1289, Category 3 requirements, available upon special request.

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