



RENSEIGNEMENTS SUR LE PRODUIT

The ISOX molded tapered product line is designed to provide a simple, efficient, and high-performance solution for creating tapered insulation panels for commercial roofing systems. Manufactured from closed-cell polyurethane foam meeting CAN/ULC-S704-11, Type 2, Class 2 standards, ISOX molded tapered panels ensure optimal water drainage management while maintaining superior thermal continuity.

Thanks to their pre-molded design, ISOX molded tapered panels allow for fast and uniform installation while reducing the risk of thermal breaks often caused by cuts made directly on site.

Standard panels are available in 4' x 4' (1220 mm x 1220 mm) format with a starting thickness of 0.00" or 0.50", in the following standard slopes:

- 1% – Maximum thickness: 0.50"
- 2% – Maximum thickness: 1.00"
- 3% – Maximum thickness: 1.50"

Several other custom configurations and dimensions are also available, including slopes of:

- 1 %
- 1.5 %
- 2 %
- 3 %
- 4 %

Comment by Marc Vuillaume: Is this paragraph redundant?

ISOX molded tapered panels can be integrated into various roofing insulation systems to optimize drainage while maintaining excellent thermal performance.

Features

- Optimizes water flow toward drains
- Reduces the risk of ponding water
- Simple and fast installation
- Eliminates complex on-site cutting
- Ensures optimal thermal continuity
- Compatible with conventional roofing systems
- Available in standard and custom dimensions



General specifications

ISOX panels from the 'molded tapered' line meet 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.

ISOX molded tapered panels can receive any type of adhesive, whether applied hot or cold, depending on the requirements of the roofing system used.

Panels are manufactured in a standard 1220 mm x 1220 mm (4' x 4') format with various pre-molded slope configurations allowing fast, uniform installation optimized for drainage on commercial roofs.

Technical characteristics

Physical properties	Metric	Imperial
Compression strength	221 kPa	32 psi
Tensile strength	207 kPa	30 psi
Density	40 kg/m ³	2.5 lb/ft ³
Water absorption	1.8 %	1.8 %

Composition

- Top facer: Inorganic – Acrylic-coated fiberglass
- Bottom facer: Inorganic – Acrylic-coated fiberglass
- **Attachment method:** Use of polyurethane-based adhesives, hot bitumen (Type 2 or 3 roofing asphalt), or mechanical fastening with screws and plates.
- Temperature range for use: From -73°C to 122°C (-100°F to 250°F)

Standard dimension chart

Item	% Slope	Dimensions	Thickness
ISOX BZO	2 %	4' x 4'	0.00" à 1.00"
ISOX BZO	3 %	4' x 4'	0.00" à 1.50"
ISOX BZO	4 %	4' x 4'	0.00" à 2.00"

Important notes

ISOX molded tapered panels can be combined with ISOX Corners pre-molded corners in all dimensions to achieve an optimal slope without thermal breaks caused by valley cuts.

The dimensions listed above represent Millenium's standard formats. Several special dimensions and customized configurations are also available upon request.

For more information:
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