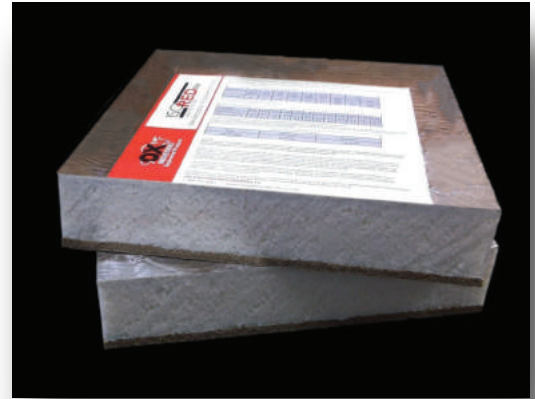


ISO RED MAX STRONG-R is a first-of-its-kind commercial rigid polyiso insulation that employs a structural back facer to add rigidity to commercial curtain walls or other E84 Class A polyiso applications. In one installation step (and only 1-1/4" of thickness), provide:

- Thermal barrier (R-7.5)
- Vapor barrier
- Moisture barrier or WRB (w/ seam tape)
- Structural reinforcement

ISO RED MAX STRONG-R is a rigid polyiso insulation that complies with ASTM E84 Class A material. ISO RED MAX also has ASTM E-119, NFPA 285, and NFPA 286 qualifications.



R-value	Overall Thickness	Width	Lengths
7.5	1-1/4"	4ft	8ft, 9ft, 10ft

Physical Properties of ISO RED MAX STRONG-R Polyiso Sheathings ⁽³⁾								
ASTM Method	D1621	C209	E96	D2126 (1)	D2126		E84 (2)	
	Minimum Comprehensive Strength, psi	Water Absorption	Water Vapor Transmission, perms	Dimensional Stability % Change	Nominal Density, pcf	Service Temperature Range, F	Flame Spread	Smoke Developed
ISO RED MAX Type 1 class 2	25	<0.06	<0.3	<0.2	2.0	-50 to +250	≤ 25	≤ 450

(1) -40 and 200 degrees F, ambient RH, length & width (2) Fire Performance/Surface Burn Characteristics (3) Proprietary polyiso rigid board facers on both sides

Attributes:

- 7.5 R-value to meet energy code requirements cost efficiently
- Foil front and rear ISO facers for long-term R-value
- 1/8" laminated fibrous structural back facer with extruded poly surface to add rigidity to curtain walls and in turn, the exterior cladding.
- Closed cell polyiso foam for best in class R-value and moisture resistance including WRB code compliance
- Fiberglass reinforced foam core

OX ISO RED MAX STRONG-R Installation

1. Store ISO RED MAX STRONG-R inside or protected from precipitation and standing water.
2. Measure and cut boards with a saw. No allowance for expansion or contraction of ISO RED MAX STRONG-R is necessary
3. Fasten to metal studs with No. 8-18 x 1-1/2" Phillips modified truss head self-drilling screws (or equal) 6" at the edges and 12" in the field. Reduce fastener spacing for added wall rigidity.
4. Finish edges and seams with 2.43" wide (min) 3M Venture 1520CW Aluminum Foil Tape or equivalent.

NOTICE: Applicable laws may differ and change in each jurisdiction the product is used; Customer is responsible for determining whether the Product and the Information in this document are appropriate for Customer's use and for insuring that Customer's workplace and disposal practices are in compliance. The Claim made may not have been approved for use in all jurisdictions. Ox Engineered Products, LLC, ("Ox") assumes no obligation or liability for the information provided herein. The Product represented herein may not be available for sale and/or available in all geographies where Ox conducts business. Ox reserves the right to defend any patents or other intellectual property rights and does not infer any transferability herein. Ox assumes no obligation or liability from the information provided herein. ALL WARRANTY INFORMATION IS PROVIDED IN THE TERMS AND CONDITIONS OF THE PRODUCT ITSELF; NO EXPRESS WARRANTIES ARE PROVIDED HEREIN. All disputes, claim, or actions regarding the Product shall be determined under the applicable laws of the Commonwealth of Pennsylvania and have the proper and exclusive venue in the York County Court of Common Pleas, York, Pennsylvania, or the Federal Circuit Court for the Middle District of Pennsylvania.