



OX Engineered Products
22260 Haggerty Road Suite 365
Northville, MI 48167
p. 1.800.345.8881
f. 248.289.9955
oxep.com



isoREDMAX[®]
strong-R
structural insulation by **OX[®]**

**When it comes to
commercial
installation,
we mean business.**

Our commercial-grade 4-in-1 structural insulated sheathing installs fast, saving you time and money while providing best-in-class energy efficiency, moisture resistance and fire performance.

Made in USA 

4-in-1

Insulation, structural reinforcement, air and moisture barrier in one.

Continuous Insulation

Provides best in class R-value.

Easy to Install

Lightweight design for fast, easy installation.

Three layers of protection. Yeah, we're the overprotective type.

STRONG-R is the ultimate in performance and protection to shield commercial buildings from the outside elements—heat, cold, air and moisture. The continuous wall insulation covers gaps in traditional building insulation, to increase energy efficiency in the long term. And the lightweight design compared to other sheathing products makes installation efficient, saving you time and money.

Attributes

- Closed cell polyiso foam with foil front and rear facers and fiber glass foam core for best in class R-value and moisture resistance including WRB code compliance.
- Multiple design thickness to meet energy code requirements, cost efficiently.
- Structural component equivalent to lateral shear properties of WSP.
- Complies with ASTM E84, ASTM E119 and NFPA 285 assemblies

Physical Properties of ISO RED MAX STRONG-R Polyiso Sheatings (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 Deployed
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

R-value	Overall Thickness	Width	Lengths
7.5	1-1/4"	4ft	8ft, 9ft, 10ft
13	2.0"	4ft	8ft, 9ft, 10ft

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 1/2" nominal width Ox Commercial Seam Tape or equivalent.
5. Flashing tape: Ox Arctic Flash Flashing Tape

Notice: Customer is responsible for complying with all applicable laws, regulations, and building codes (collectively, "Laws") of the location where any products (individually, "Product" and collectively, "Products") manufactured by Ox Engineered Products, LLC ("Ox") are actually used, specifically including, but not limited to, Laws regarding use and disposal of the Products by Customer. Ox expressly disclaims all liability for the Products other than as expressly provided in the applicable warranty for the Product (the "Product Warranty") which is available from Ox at the address below. OX EXPRESSLY DISCLAIMS ANY OTHER WARRANTY EXPRESS OR IMPLIED INCLUDING SPECIFICALLY, BUT NOT LIMITED TO, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. None of the information contained in this brochure shall act as a waiver of any patent, trademark, copyright or other intellectual property right of Ox, nor shall any such information expand any rights or remedies set forth in the applicable Product Warranty. Ox shall not be liable for compliance of the Products with any test results obtained by third parties that may be included in this brochure. Actual results may vary. Not all Products are approved for use in all jurisdictions. The Products are not load bearing. Do not attempt to walk on them. Some Ox Products are amenable. Ox disclaims liability for damages caused by incineration of the Products. By purchasing the Products, Customer irrevocably consents that any dispute arising between Ox and Customer will be determined under Michigan law without consideration of any conflicts of law analysis and that any such dispute shall be brought only in the state or federal courts serving the locality in which Ox's headquarters are then located. By purchasing the Products, Customer expressly consents to the exercise by such courts of personal and subject matter jurisdiction and venue for such purposes. Ox Engineered Products offices are located at 22260 Haggerty Road, Suite 365, Northville, Michigan 48167. Phone (800) 345-8881.