



OX Engineered Products
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ISO REDMAX[®]
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 3M[™]Venture1520CW Aluminum Foil Tape or equivalent.
5. Flashing tape: 3M[™]8067 All Weather Flashing Tape

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