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**ISO RED MAX**<sup>®</sup>  
**strong-R**  
structural insulation by **OX**<sup>®</sup>

**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 <sup>(1)</sup>           | D2126                | E84 <sup>(2)</sup>           |              |                |
|-----------------------------|-------------------------------------|------------------|---------------------------------|--------------------------------|----------------------|------------------------------|--------------|----------------|
|                             | 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 Butyl Flashing Tape

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