



OX Engineered Products
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ISO **REDMAX**[®] **WF**

polyiso sheathing by **OX**[®]

ISO RED MAX WF provides a continuous interior thermal and vapor barrier with significant R-values for a variety of exterior wall materials including concrete and masonry.

Multi-functional

Use it on walls or ceilings for thermal and architectural applications.

One-Step Install

Install ISO RED MAX WF and there's no need for drywall or other finishes.

Easy to Maintain

The high-quality finish cleans easily with a cloth or light power wash.

You'll never be finished finding uses for it.

ISO RED MAX WF is an incredibly versatile rigid polyiso insulator, serving as a thermal and vapor barrier for concrete and masonry walls in commercial buildings and residential spaces like basements and garages. It's insulation that doubles as a cost effective, easy-to-maintain surface that meets code without additional wall board, saving you time during the installation process.

Features

- High R-Values, as much as R-6.5 per inch.
- Vapor barrier performance in any climate with closed cell foam structure.
- Fiberglass reinforced foam core for durability before, during and after the job.
- Embossed white thermoset finished aluminum front facer for light reflection, aesthetics and durability.
- Thickness up to 4" and lengths up to 30'



OX ISO RED MAX Specifications

OX IS RED MAX WF/LD/HD Specifications

ASTM Method	D1621	C203	C209	E96	D2126 ⁽¹⁾			E84 ⁽²⁾	
	Minimum Comprehensive Strength, PSI	Flexible 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	<0.06	<0.3	<0.2	2.0	-50 to +250	≤ 25	≤ 450

Thermal R-Values ⁽¹⁾ | "R" means resistance to heat flow. The higher the R-value, the greater the insulating value.

Thickness (nom.), in	0.50	0.75	1.00	1.55	2.00	2.5	3.0	3.5	4.0
Thermal R-Value	3.3	5.0	6.5	10.0	13.0	16.0	19.0	22.1	25.2

Poly ISO Grades & Available Facers

Grade	Front Facer	Back Facer	Seam Finish Options
ISO RED MAX WF	1.25 mil white embossed	0.9 mil toil	Venture (1558 HT) White Victory Bear PVC Trim Pieces
ISO RED MAX LD	1.25 mil white embossed	1.25 mil embossed	Venture (1558 HT) White Victory Bear PVC Trim Pieces
ISO RED MAX HD	3.4 mil white embossed	1.25 mil embossed	Venture (1558 HT) White Victory Bear PVC Trim Pieces



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OX ISO RED MAX WF/LD/HD Installation

1. Store ISO RED MAX WF/LD/HD inside or protected from precipitation and standing water.
2. Measure and cut boards with knife or saw. Be careful to not mar white surface in cutting step.
No allowance for expansion or contraction of the ISO RED MAX WF/LD/HD is necessary.
3. If applicable, install starting PVC trim pieces to walls per manufacturer's instructions.
4. Place 3/8" bead of construction adhesive at perimeter of boards and every 5' horizontally.
If PVC trim pieces are used, place 3/8" bead of adhesive to inside of PVC trim top flange.
Also place a bead of adhesive at top edge of board. (Sikaflex-201, DC 790, Vulkem 116, Liquid Nails Heavy Duty or equivalent).
5. Employ mechanical anchorage with washer heads to supplement adhesives.
Space anchors every 5' horizontally. Tape or finish over exposed anchor heads as desired.
6. Finish edges and seams with white tape or PVC trim pieces (below).
7. **CLEANING:** Can be pressure washed up to 1000 psi from a distance of at least 3 feet with a 15-degree or greater spray tip.



Joints/Edges Tape

3M™ Venture 1558HT White Aluminum Tape
www.3M.com

PVC Trim Pieces

Victory Bear Flex-Tite or Quick-Clip
PVC Trim Pieces
www.victorybear.com

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