

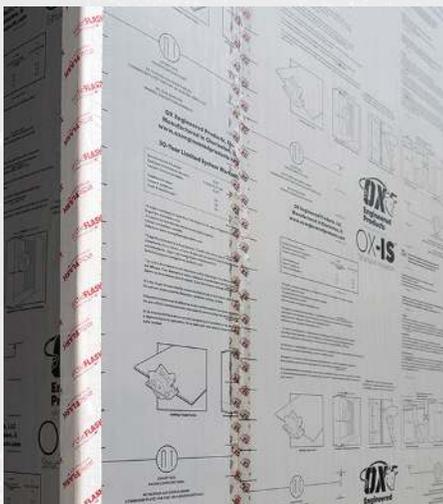
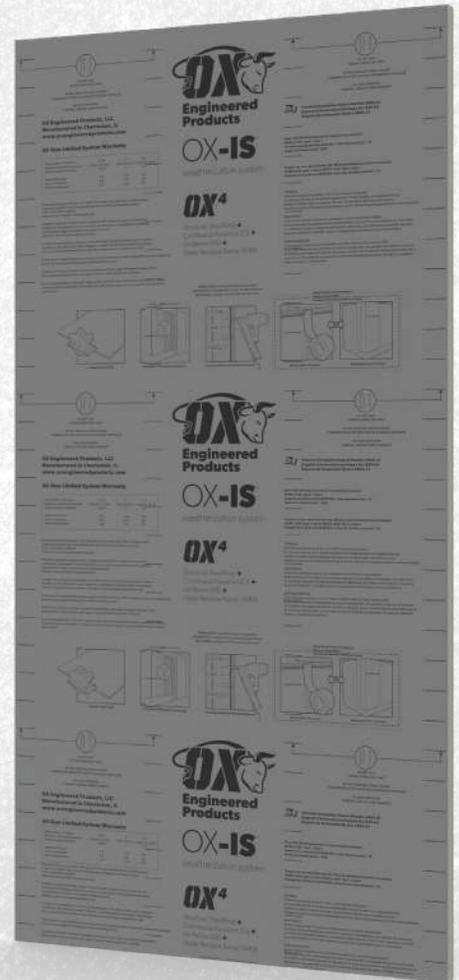


OX-IS[®]

weatherization system

**ENCLOSE, INSULATE,
AND WEATHERIZE.
ALL IN ONE.**

Structural Sheathing +
Continuous Insulation (CI) +
Air Barrier (AB) +
Water Resistive Barrier (WRB)



WHAT IS THE OX-IS WEATHERIZATION SYSTEM?

Consisting of OX-IS insulated structural sheathing panels, OX Seam Tape, and OX Butyl Flashing Tape, OX-IS weatherization system provides structural sheathing, high R-value continuous insulation, a best-in-class air barrier (AB), and a code-approved water-resistant barrier (WRB). The system is backed by a 30-year limited warranty.

30
YEAR
LIMITED WARRANTY

OX BUTYL FLASHING TAPE

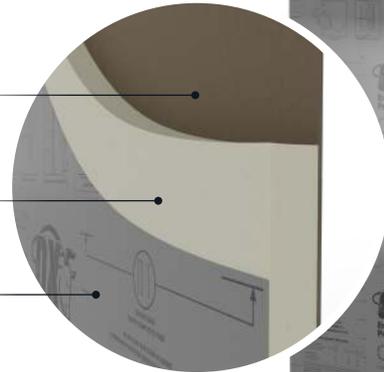


OX SEAM TAPE

HIGH-STRENGTH CELLULOSIC
WATER-RESISTIVE FIBER SUBSTRATE

POLYISO FOAM CORE
(Complies with ASTM
C1289, Type 1, Class 1)

COATED FACER



THE SOLUTION TO CONSTRUCTION CHALLENGES

OX-IS panels do what it takes wood sheathing, building wrap, and foam insulation boards to do. And OX-IS does it better, in a more economical and labor-saving solution.



SPEED INSTALLATION
ACCELERATE INSTALLS
BY 1 TO 3 DAYS



REDUCE LABOR
EASIER INSTALLS WITH
LESS MANHOURS



ACHIEVE CODE
TESTED AND COMPLIANT
WITH IRC AND OTHER CODES



BOOST EFFICIENCY
MEET STRINGENT ENERGY CODES
WITHOUT INCREASING STUD SIZE

PANEL OPTIONS

THICKNESS	WIDTH/LENGTH	R-VALUE ¹	SYSTEM R-VALUE ²
0.50"	4'x8', 4' x 9', 4' x 10'	3.0	4.1
0.50" High Shear	4'x8', 4' x 9', 4' x 10'	3.0	4.1
1.00"	4'x8', 4' x 9', 4' x 10'	6.0	7.1
1.70"	4'x8', 4' x 9', 4' x 10'	10.0	11.1

¹Thermal values are determined by using ASTM c518 test method at 50° F mean temperature. Sizes width and length: 4'x8', 4'x9', 4'x10'

²System R-value refers to additional effective R-value possible due to emissivity performance of reflective surface. According to ASHRAE, the reflective foil facing of OX-IS qualifies to add R-value to a properly detailed assembly, which includes an adjacent, ½" dead air space.

PHYSICAL PROPERTIES OF OX-IS (FOAM PROPERTIES) COMPLIES WITH ASTM C1289, TYPE 1, CLASS 1

ASTM Method	D1621	C203	C209	E96	D2126 ³	E2273	E84			
	Minimum Comprised Strength, PSI	Flexible Strength, PSI	Water Absorption	Water Vapor Transmission, perms	Dimensional Stability % Change	Nominal Density, pcf	Service Temperature Range, °F	Drainage Efficiency	Flame Spread	Smoke Developed
OX-IS	25	40	<0.06	<0.3	<0.4	2.0	-50 to +190	93%	≤ 75	≤ 450

³-40 and 200 °F, ambient RH, length & width.

THE IMPORTANCE OF CONTINUOUS INSULATION

The use of continuous insulation is no longer just an option. Today's stringent residential energy codes make its use a requirement. OX-IS insulated structural sheathing helps to eliminate thermal short circuits through framing members for significantly improved thermal performance and year-round energy savings.

STUD CAVITY INSULATION ONLY



Heat loss due to thermal bridging is considerable.

SAME HOME WITH 0.50" OX-IS

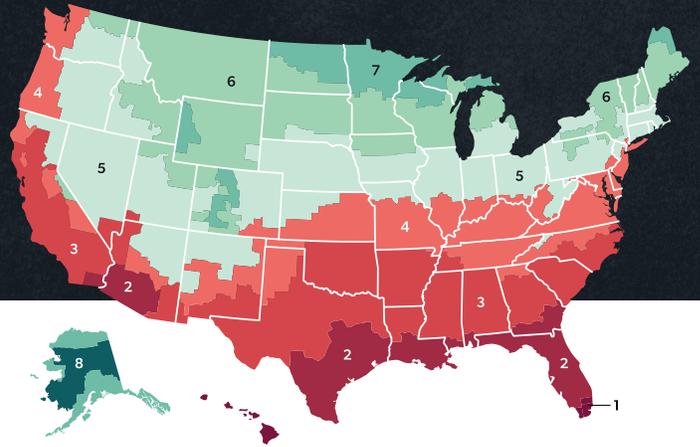


Heat is contained and savings are considerable.

ACHIEVING INTERNATIONAL ENERGY CONSERVATION CODE (IECC) 2024 WITH OX-IS

No matter where you're building, OX-IS lets you more easily and economically meet stringent IECC energy codes using traditional 2x4 wood framing.

IECC CLIMATE ZONES



2024 IECC RESIDENTIAL PROVISIONS

Insulative requirements and prescriptive compliance options for above-grade 2x4 wood-framed walls.



OX-IS
weatherization system
SOLUTION

OX-IS 1.70" R-10

R-13 CAVITY INSULATION +

OX-IS 1.00" R-6

R-13 CAVITY INSULATION +

OX-IS 1.70" R-10

CLIMATE ZONE



REQUIRED ASSEMBLY U-FACTOR

0.084

0.060

0.045

PRESCRIPTIVE MINIMUM R-VALUE*

0 + 10 ci

13 + 5 ci

13 + 6 ci

ci = continuous insulation such as OX-IS weatherization system.

*The first value is cavity insulation. The second value is continuous insulation (ci). Therefore, "13 + 10 ci" means R-13 cavity insulation plus R-10 continuous insulation (ci).

Data in the chart shown above has been gleaned from 2024 International Energy Conservation Code (IECC), Chapter 4 Residential Energy Efficiency, Table R402.1.2 Maximum Assembly U-Factors and Fenestration Requirements and Table R402.1.3 Insulation Minimum R-Values and Fenestration Requirements by Component.

**OX-IS® 4-IN-1 WEATHERIZATION SYSTEM HELPS BUILDERS
DELIVER HOMES WITH SUPERIOR AIR, THERMAL, AND MOISTURE CONTROL,
MORE EFFICIENTLY AND ECONOMICALLY THAN EVER BEFORE.**

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