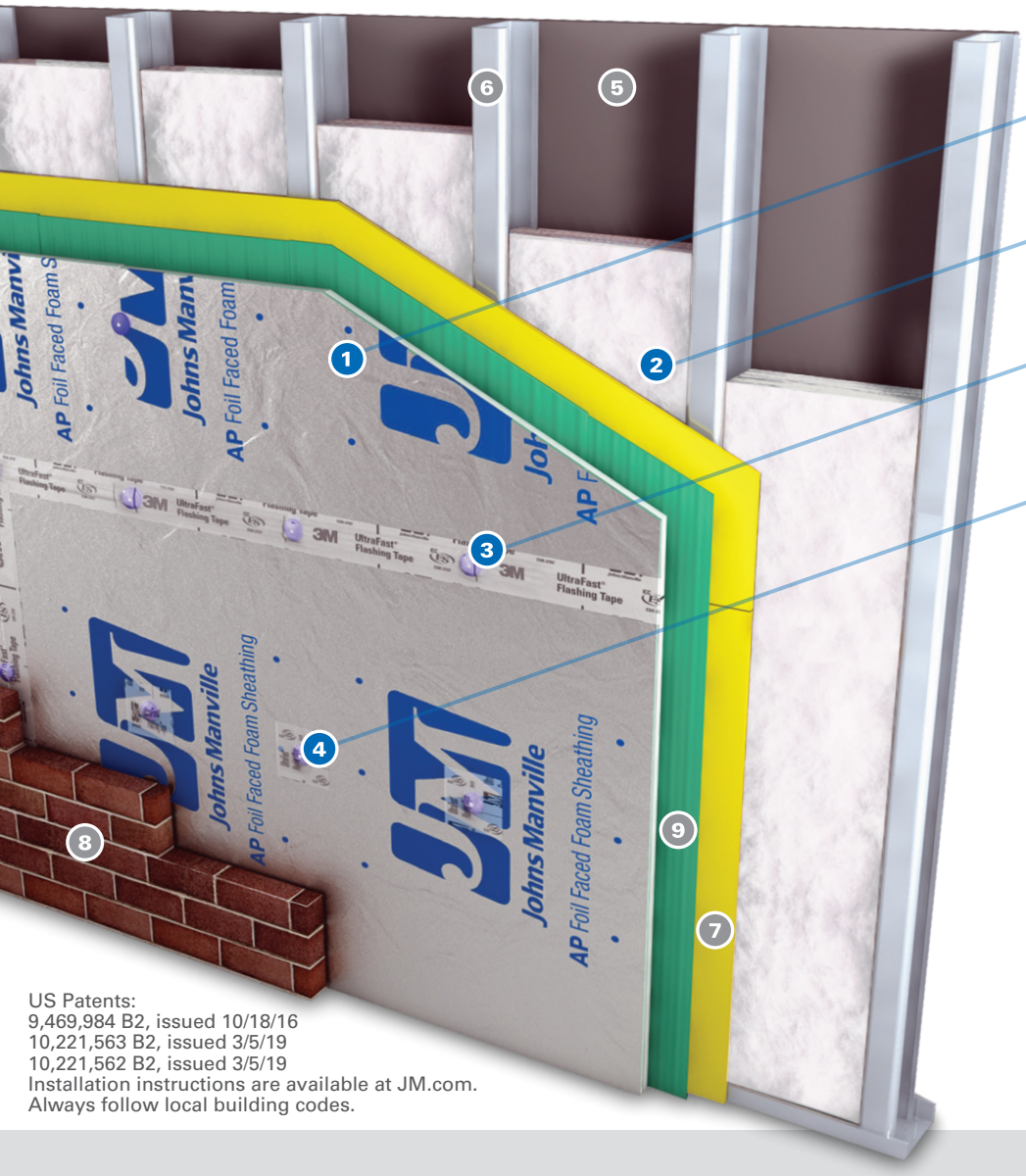
JM All-Purpose Continuous Insulation Wall System

FEATURING AP™ FOIL-FACED POLYISO FOAM INSULATION BOARD

INTERNATIONAL CODE COUNCIL AND AIR BARRIER ASSOCIATION OF AMERICA APPROVED FOR TYPES I–V CONSTRUCTION

The high-performing JM All-Purpose Continuous Insulation Wall System, featuring AP™ Foil-Faced Polyisocyanurate Foam Sheathing Board, can help you save on materials and labor costs while providing greater design flexibility. The product functions as a water-resistive barrier, vapor retarder and air barrier – eliminating the need for separate barrier components. It can also eliminate the need for exterior sheathing such as Gypsum or OSB. And with its broad offering of qualified assemblies, the JM All-Purpose Continuous Insulation Wall System gives professionals the flexibility to optimize their design according to their priorities.



1. **JM AP™ Foil-Faced Insulation Board[1]**
   R-2.7 to R-28
2. **Cavity Insulation[1]**
   Options include batts and rolls, blow-in, mineral wool, spray foam, hybrid, cellulose or empty.
3. **Joint and Penetration Sealing[1]**
   Use JM-recommended flashing tape and sealant.
4. **Continuous Insulation Fastener[1]**
5. **Interior Wall Board**
6. **Structure**
   Concrete, concrete masonry unit, steel stud or wood.
7. **Exterior Sheathing[2]**
8. **Exterior Cladding**
   Brick, stucco, natural stone, concrete, terracotta or other material that meets code.
9. **Independent Air, Water-Resistive Barriers[2]**
   Use any barrier that meets code.

US Patents:
9,469,984 B2, issued 10/18/16
10,221,563 B2, issued 3/5/19
10,221,562 B2, issued 3/5/19
Installation instructions are available at JM.com.
Always follow local building codes.

[1] Wall system components available through JM.
[2] These items can be eliminated on some projects.

POLYISO Surround yourself with the best.
Intertek
ICC ES
CLASSIFIED UL US
abaa EVALUATED
energy star LEARN MORE AT energystar.gov

Highest R-Value

Polyiso provides one of the highest levels of thermal performance per inch of any rigid insulation.

Continuous Insulation Type	R-Value per Inch of Thickness
Polyiso	6.0
XPS	5.0
EPS	4.0

Superior Fire Performance

Polyiso is a thermoset material; it forms a protective char layer and does not melt when exposed to flame. XPS is a thermoplastic material; it melts between 200° – 210°F and may spread flammable material.

Qualified

- ICC-ES ESR 3398 Types I – V; Thermal; Air Barrier; Vapor Retarder; Water-Resistive/Weather Barrier
- ASTM 1289 Type I, Class 1 or 2
- ABAA Evaluated Air Barrier Material & Assembly
- NFPA 285, Fire Test Wall Assemblies
- AC 71, Water-Resistive Barrier Tests Materials & Assemblies
- ASTM E331, Water Leakage Test Wall Assemblies
- ASTM E1233, Wind Event Test Wall Assemblies
- ASTM E2178, Air Permeance Test Materials
- ASTM E2357, Air Leakage Test Wall Assemblies
- JMC/FBI 30-01, JMC/FBI 30-02 Intertek Listed Assembly

Warrantied

All Johns Manville products are sold subject to Johns Manville's Limited Warranty and Limitation of Remedy. For copies of these documents, call 1-800-654-3103.

ASK THE BUILDING SCIENCE EXPERTS

"Architects and engineers are challenged to find cost-effective, high-performing exterior wall assemblies that have substantiated design properties, backed up by product warranties, that meet code compliance and customer requirements. Providing a broad offering of qualified assemblies fosters building design, engineering and installation flexibility, which then allows optimization of design according to owner priorities."

Kirk Grundahl, P.E.
President, Qualtim

"It is hard to beat the performance of a stud wall assembly that includes rigid insulation on the exterior and insulation in the stud cavity. A system that utilizes foam sheathing with high thermal performance, good air sealing and low permeability is an ideal solution for controlling condensation in framed walls."

Joseph Lstiburek, Ph.D., P.E., ASHRAE Fellow
Building Science Corporation

"Air barrier and moisture management are the two most critical functions to address in a building assembly. By addressing the functions of a building assembly on a system basis, the building will perform as intended and be resilient. Professionals that select ABAA evaluated assemblies can be confident that the assemblies meet ABAA's industry-leading performance criteria."

Lavern Dalgleish
Executive Director of the Air Barrier Association of America

"Building professionals require assurance that they are using code-compliant systems. ICC-ES is the industry leader in performing technical evaluations for code compliance, providing regulators and construction professionals with clear evidence that products comply with codes and standards. Specifying assemblies that are listed in an ICC-ES Evaluation Report ensures that I-Code requirements are met, providing peace of mind."

Shahin Moinian
ICC-ES President

Johns Manville

For additional information: JM.com 1-800-654-3103