

BUILDING A STRONGER FUTURE

POLYISO CONTINUOUS INSULATION. OFF-SITE CONSTRUCTION APPLICATIONS



VALUE ADDED PERFORMANCE.

Polyiso continuous insulation is a rigid foam made from polyisocyanurate, a closed-cell and closed matrix foam. It provides continuous thermal resistance across a building's exterior walls or as a high-performance cavity insulation, minimizing heat transfer and improving energy efficiency.

Thermal Performance

High R-value per inch efficiently maintains indoor comfort – improving the building's overall performance.

Continuous Air Barrier

Restricts air movement through the wall, keeping energy & heat loss to a minimum – increasing the building's energy efficiency.

Resists Water Absorption

A closed-cell & closed matrix foam core, polyiso prevents water intrusion & moisture migration – eliminating house wrap needs.

Fire Resistance Properties

When exposed to flames, polyiso chars, forming a protective barrier that slows flame spread – unlike XPS which melts & drips, contributing to rapid flame spread.

GOING THE EXTRA LENGTH

Rmax® offers custom board lengths, providing flexible solutions to fit modular & off-site design needs.

INNOVATIVE PROCESS. MODERNIZED SOLUTION.

Off-site construction, known for its efficiency, speed, and quality, is an innovative modern solution. Polyiso is an ideal insulation choice for this method due to its essential characteristics.

Space Optimization

Polyiso offers a high R-value with a thinner board, maximizing interior space in off-site construction where space optimization is crucial.

Ease of Installation

Polyiso, being lightweight & easy to handle, is a crucial material for efficient off-site construction, ensuring speed & efficiency.

Fire Safety

Polyiso offers time-rated assemblies to meet stringent fire safety requirements in off-site construction due to proximity to other structures.

Durable Protection

Polyiso boards are highly compressive & durable, ideal for off-site construction where modules can be transported & assembled multiple times.

Reduce Waste

Boards can be pre-cut off-site, eliminating on-site cutting - reducing construction waste, labor costs & construction time.

For questions, contact Steve Dubin, Business Development Manager, Modular/Offsite @ 707-392-7269 or dubin.steve@us.sika.com
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SIKAWALL®-177 RDF

MODULAR/OFF-SITE CONSTRUCTION DRYWALL FINISH SYSTEM

SikaWall®-177 RDF is a resin modified special white leveling compound, based on white cement. Especially suitable for leveling gypsum walls and filling gypsum joints in Modular and Off-site construction. SikaWall®-177 RDF is characterized by excellent grindability and is suitable for filling, smoothing and full-surface leveling of various surfaces.

PRODUCT BENEFITS

- For interior use
- Excellent for filling voids and holes
- Fine grained allowing for extremely smooth application
- Single application procedure
- Minimal Cracking
- Safe application and multi-purpose use
- Does not shrink
- Drying by hydration
- Paintable in as little as two hours
- Fire Resistance Rating – ANSI/UL 263

PACKAGING

- 20 kg paper sack



(800) 688-7452
sikaindustry.com/Off-Site

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