



ISI BUILDING PRODUCTS®



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INNOVATION. SERVICE. INTEGRITY.

As leaders in building materials innovation, ISI Building Products manufactures cutting-edge vapor barrier, insulation and building wrap brands. The design and ingenuity of these products reflects our mission: to create impactful solutions for building and construction challenges.



Vapor Barriers



Insulation



Building Wrap



Private Label

BUILDING ENVELOPE SOLUTIONS

ISI is a building products manufacturer catering to the construction industry. With corporate headquarters in East Peoria, Illinois and manufacturing facilities throughout the Midwest, our centralized operations and strategically placed warehousing allow for efficient distribution to locations in the US, Canada and Mexico.

Operating since 1997, ISI is proud of the loyalty and level of trust we have earned from respected vendors, distributors, contractors and clients. As a leading building material manufacturer in the USA, we are committed to providing high-performance products for the construction industry — with the service to back it up.



INNOVATIVE MATERIALS ENGINEERING

As a top building material supplier, ISI helps create energy efficient, weather-protected buildings. We believe our products are only as good as what goes into them.

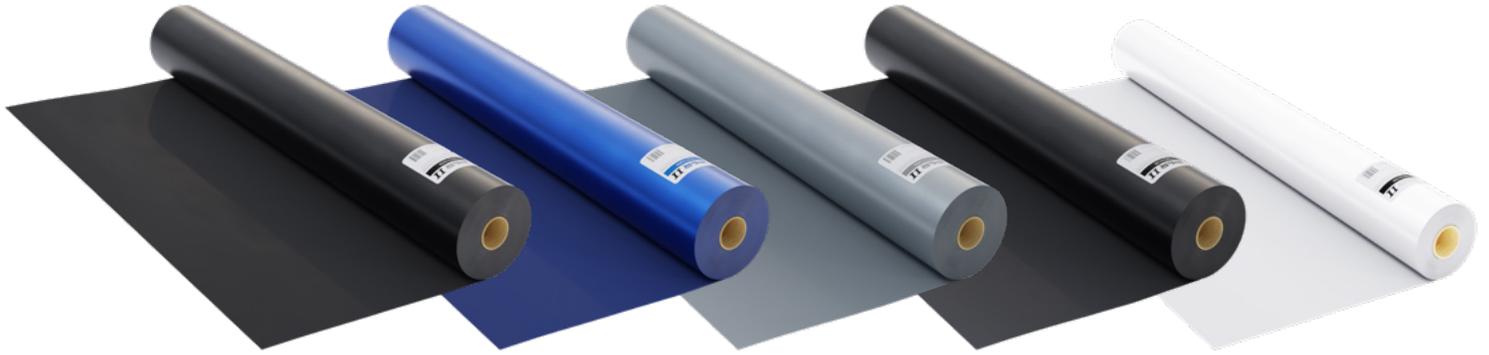
Our research and development process starts with customer feedback. Using our industry expertise, we utilize the finest materials and manufacturing technologies to provide high caliber, market-leading products. Attention to detail helps us stand out among other construction material suppliers.

CUSTOM & PRIVATE LABEL MANUFACTURING

In addition to a wide-ranging product line, our extensive manufacturing capabilities allow us to provide custom designs for unique applications as well as customer-specific labeling, color, styles, sizes and configurations. As your custom building products partner, we take pride in manufacturing construction and building materials that meet and exceed the changing needs of the construction industry.

Browse and discover the wide variety of high quality products ISI currently offers. Contact us for any ideas, applications or products not listed. Always looking for opportunities to expand our core capabilities, we will work to find the solution.

VAPOR BARRIERS



20-mil Class A

STANDARD SIZES
14' x 105' (1,470 SF)

APPROX. WEIGHT
142 lbs/roll

ROLLS / PALLET
20

15-mil Class A

STANDARD SIZES
14' x 140' (1,960 SF)

APPROX. WEIGHT
140 lbs/roll

ROLLS / PALLET
20

10-mil Class A

STANDARD SIZES
14' x 210' (2,940 SF)

APPROX. WEIGHT
140 lbs/roll

ROLLS / PALLET
20

10-mil Class C

STANDARD SIZES
14' x 210' (2,940 SF)

APPROX. WEIGHT
140 lbs/roll

ROLLS / PALLET
20

6-mil Class C

STANDARD SIZES
14' x 210' (2,940 SF)

APPROX. WEIGHT
84 lbs/roll

ROLLS / PALLET
20

Viper II Under-Slab Vapor Barriers

Viper II under-slab vapor barriers are the first line of defense against damaging water vapor and soil gas threats existing below the concrete slab. Viper II products are engineered with superior resistance against punctures, tears and water vapor. The high puncture and tensile strength greatly reduces potential damage when exposed to rigorous job site conditions while the low water vapor permeance properties are key to preventing water vapor migration.





EXCEEDING INDUSTRY STANDARDS



Viper II products are tested and engineered to meet and exceed the Class A, B and C requirements outlined in ASTM E 1745, the most recognized industry standard for under-slab vapor retarders.

VAPOR BARRIERS

Viper II Platinum Residential Vapor Barrier



8-mil **Class A**

STANDARD SIZES

14' x 210' (2,940 SF)

APPROX. WEIGHT

113 lbs/roll

ROLLS / PALLET

20



Viper II Platinum is the first of its kind able to achieve ASTM E1745 Class A Status for blown films under 10-mils thick. Manufactured from virgin resin using multi-layer, co-extrusion technology, Viper II Platinum under-slab vapor barrier is commonly used to prevent moisture migration through concrete slabs-on-grade in residential and moderate-duty commercial applications.

Viper Venom Soil Gas & Water Vapor Barrier



20-mil **Class A**

STANDARD SIZES

12' x 100' (1,200 SF)

APPROX. WEIGHT

125 lbs/roll

ROLLS / PALLET

12

DESIGNED FOR BROWNFIELD SITES

Viper Venom Barrier boasts superior resistance against harmful soil gas on compromised sites. Brownfield reclamation is critical for efficient use of land and resources. Viper Venom Barrier was specifically designed to help create safe structures and promote building health and longevity in the toughest brownfield environments.



HEAVY-DUTY APPLICATIONS

Viper Venom Barrier 20-mil is a water vapor and soil gas barrier. It offers superb protection against hazardous soil gas vapors through its enhanced formulation. Composed of a 7-layer film utilizing EVOH (Ethylene Vinyl Alcohol), Viper Venom Barrier safeguards against radon, methane and other harmful VOC's.



VAPOR BARRIERS

Viper VaporCheck Reinforced Vapor Barriers



16-mil

STANDARD SIZES

12' x 200' (2,400 SF)

APPROX. WEIGHT

130 lbs/roll

ROLLS / PALLET

16

10-mil

STANDARD SIZES

12' x 200' (2,400 SF)

APPROX. WEIGHT

100 lbs/roll

ROLLS / PALLET

25



Viper VaporCheck is a cross-woven, reinforced under-slab vapor barrier specifically designed to prevent moisture migration through concrete slabs. The high-density cross-woven reinforcing fibers are fused using molten polyethylene, creating a high strength product with low water vapor permeability. Viper VaporCheck is ideal for demanding applications requiring the use of a heavy-duty vapor barrier and exceeds all ASTM E 1745 Class A requirements.

Viper VaporScrim Reinforced Poly Sheeting



12-mil

STANDARD SIZES

20' x 100' (2,000 SF)
24' x 100' (2,400 SF)
32' x 100' (3,200 SF)
40' x 100' (4,000 SF)

*Custom Sizes Available

10-mil

STANDARD SIZES

20' x 100' (2,000 SF)
24' x 100' (2,400 SF)
32' x 100' (3,200 SF)
40' x 100' (4,000 SF)

*Custom Sizes Available

6-mil

STANDARD SIZES

20' x 100' (2,000 SF)
24' x 100' (2,400 SF)
32' x 100' (3,200 SF)
40' x 100' (4,000 SF)

*Custom Sizes Available



Viper VaporScrim is a reinforced polyethylene vapor retarder. Incorporating a nylon-reinforcing layer, Viper VaporScrim is durable yet lightweight. Applications include construction enclosures, temporary liners or covers, insulation membranes, shipping, packaging, asbestos abatements, fumigation covers, temporary walls or curtains and remediation covers.

VAPOR BARRIERS



20-mil

STANDARD SIZES
12' x 100' (1,200 SF)

APPROX. WEIGHT
62 lbs/MSF

16-mil

STANDARD SIZES
12' x 100' (1,200 SF)

APPROX. WEIGHT
55 lbs/MSF

12-mil

STANDARD SIZES
12' x 100' (1,200 SF)
4' x 200' (800 SF)

APPROX. WEIGHT
38 lbs/MSF

6-mil

STANDARD SIZES
12' x 100' (1,200 SF)
4' x 200' (800 SF)

APPROX. WEIGHT
30 lbs/MSF

Viper CS Cross-Woven Crawl Space Vapor Barriers

Viper CS is a high-performance crawl space vapor barrier designed to prevent moisture migration from the soil into the crawl space. Viper CS helps guard against mold, mildew, allergens, fungus, radon gas, methane gas, heat loss due to damp insulation, wood rot and overall degradation of the crawl space. Viper CS is manufactured using cross-woven high-density fibers, yielding exceptional strength-to-weight ratio, tensile strength and puncture resistance.





20-mil

STANDARD SIZES
12' x 100' (1,200 SF)

APPROX. WEIGHT
97 lbs/MSF

15-mil

STANDARD SIZES
12' x 100' (1,200 SF)

APPROX. WEIGHT
71 lbs/MSF

10-mil

STANDARD SIZES
12' x 100' (1,200 SF)

APPROX. WEIGHT
48 lbs/MSF

8-mil

STANDARD SIZES
12' x 100' (1,200 SF)

APPROX. WEIGHT
39 lbs/MSF

Viper CS II Co-Extruded Crawl Space Vapor Barriers

Viper CS II is a high-performance crawl space vapor barrier designed to prevent moisture migration from the soil into the crawl space. Viper CS II helps guard against mold, mildew, allergens, fungus, radon gas, methane gas, heat loss due to damp insulation, wood rot and overall degradation of the crawl space. Viper CS II is manufactured using a proprietary resin formulation, yielding excellent performance characteristics at an economical cost.



VAPOR BARRIERS

Viper CSX Crawl Space Vapor Barrier



STANDARD SIZES

4' x 125' (500 SF)

6' x 125' (750 SF)

APPROX. WEIGHT

34 lbs/roll

40 lbs/roll

ROLLS / PALLET

12



Viper CSX is a white, triple-ply, extrusion coated, virgin polyethylene membrane laminated to a 1/8" high-density flexible foam core and metalized film. For applications requiring a premium look, Viper CSX provides a crisp, bright white finish. Featuring a tough cross-woven skin and a flexible closed-cell foam core, Viper CSX lays flat and minimizes wrinkles, providing the cleanest finish and high durability in crawl space encapsulation projects.

Insul-Barrier Insulation + Vapor Barrier

**STANDARD SIZES**

4' x 25' (100 SF)

APPROX. WEIGHT

10 lbs/roll

ROLLS / PALLET

15

Insul-Barrier is designed for crawl space foundation insulation. Its patented configuration creates thermal performance while preventing unwanted moisture from migrating into the space. Providing both a vapor barrier and insulation for crawl space walls and floors where a thermal break is needed, Insul-Barrier is easier to maneuver than rigid foam board and contains no itchy, harmful fibers.

VAPOR BARRIERS

Nu-Age Films Engineered Poly Sheeting



4+ Film
OUTPERFORMS
4-MIL POLY

6+ Film
OUTPERFORMS
6-MIL POLY

10+ Film
OUTPERFORMS
10-MIL POLY

Nu-Age Films are high-performance engineered poly sheeting products used in construction, industrial and agricultural applications. Nu-Age Films are multi-layered and co-extruded from prime grade virgin resin. This manufacturing process produces a light, strong, durable film that outperforms all respective industry standards. Nu-Age Films are thinner and weigh less per roll compared to standard plastic sheeting.



10+

6+

4+

PERFORMANCE

EXCEEDS 10-MIL

WEIGHT

21.3 LBS/MSF

PUNCTURE

598 GRAMS

PERMEANCE

0.047 PERMS

VIRGIN RESIN

✓

MULTI-LAYERED

✓

PERFORMANCE

EXCEEDS 6-MIL

WEIGHT

13.2 LBS/MSF

PUNCTURE

299 GRAMS

PERMEANCE

0.028 PERMS

VIRGIN RESIN

✓

MULTI-LAYERED

✓

PERFORMANCE

EXCEEDS 4-MIL

WEIGHT

7.5 LBS/MSF

PUNCTURE

211 GRAMS

PERMEANCE

0.19 PERMS

VIRGIN RESIN

✓

MULTI-LAYERED

✓

Insul-Tarp Under-Slab Insulation



STANDARD SIZES

- 6' x 25' (150 SF)
- 12' x 25' (300 SF)
- 6' x 50' (300 SF)
- 12' x 50' (600 SF)

*Custom Sizes Available

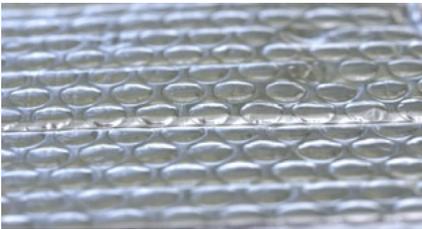


Insul-Tarp premium under-slab insulation is designed to save on installation and labor costs while enhancing radiant heated slab performance. Closed-cell foam, high-density bubble pack and patented reflective technology combine to create Insul-Tarp's one-of-a-kind configuration. Durable, cross-woven, extrusion coated polyethylene protects interior insulating materials from damage on the job site and allows longevity beneath the slab.

Space Age Reflective Insulation



Space Age is a rolled, easy-to-use reflective insulation designed to create a more comfortable space while cutting energy costs. Adding reflective bubble insulation to existing insulation can boost the overall R-value by preventing radiant heat gain. Unlike other mass insulation, Space Age contains no itchy fibers and cuts easily with a knife or scissors. Common applications include duct wrap, water heater jackets, pole barns, metal buildings, radiant heating and crawl spaces.



FBBF

STANDARD SIZES

- 16" x 125' (2,000 SF)
- 24" x 125' (3,000 SF)
- 48" x 125' (6,000 SF)
- 72" x 125' (9,000 SF)



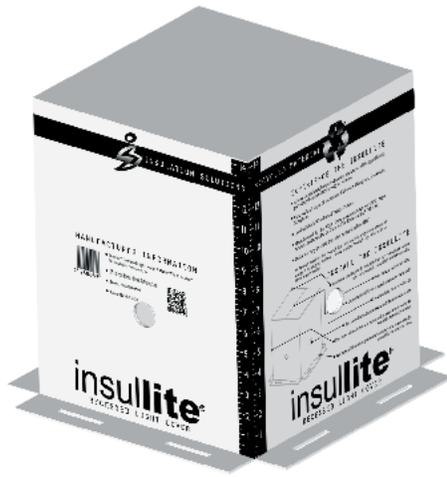
WBBF

STANDARD SIZES

- 24" x 125' (3,000 SF)
- 48" x 125' (6,000 SF)
- 72" x 125' (9,000 SF)

INSULATION

Insullite Recessed Light Cover



STANDARD SIZES

10" x 12"

12" x 14"

APPROX. WEIGHT

1 lb

UNITS / PALLET

500



Insullite is a fire-retardant recessed light cover designed to keep insulation a safe distance from recessed lights. Without proper insulation, areas around recessed lights allow a large amount of heat energy to enter and escape from a building. Conversely, insulation placed too close can be a fire hazard. Insullite allows insulation to be placed as close to the light or heat-producing fixture as possible without the risk of fire or performance issues.

The Shoot Insulation Baffle



STANDARD SIZES

16" x 72"

24" x 72"

APPROX. WEIGHT

1 lb

UNITS / PALLET

500

The Shoot is a patented, effective way to insulate open framed areas in new construction applications for residential and commercial buildings, as well as room additions and remodeling projects. The Shoot is regularly used in common wall and knee wall applications and is the perfect tool for the insulation industry, spray foam applications, spray-on systems and blow-in blanket systems.

BUILDING WRAP



STANDARD SIZES

9' x 100'

9' x 150'

APPROX. WEIGHT

19 lbs

20 lbs

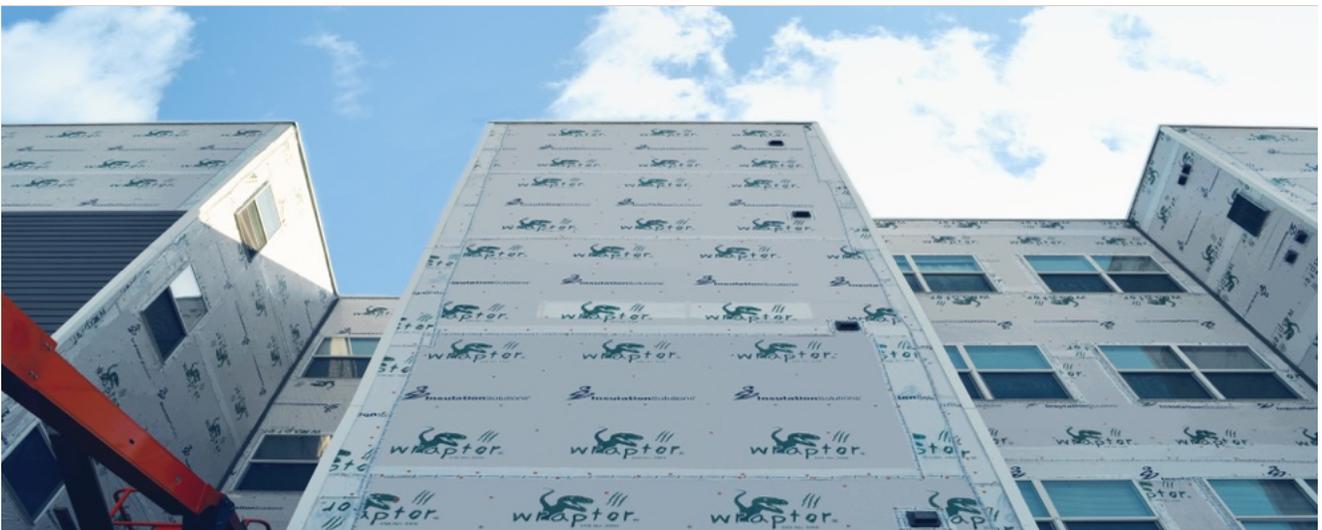
ROLLS / PALLET

112

84

Wraptor Building Wrap

Wraptor is a breathable, cross-woven polypropylene house wrap that helps prevent wall sheathing from soaking up moisture that gets behind the exterior cladding (vinyl siding, brick, etc.). Its cross-woven quality provides critical strength and prevents tearing during and after installation even in high winds, rain, snow and ice.



**STANDARD SIZES**

9' x 100'

9' x 150'

APPROX. WEIGHT

16 lbs

20 lbs

ROLLS / PALLET

112

84

Wraptor HP Building Wrap

Wraptor HP is a non-woven polypropylene house wrap designed to protect exterior wall systems from bulk moisture infiltration. Wraptor HP is non-perforated and engineered to provide optimum levels of air resistance, water resistance and breathability.



Take your company to the next level with branded building wrap! Choose a size and configuration that fits your needs and we will create a private labeled wrap to proudly market your business.



ACCESSORIES



VIPER VAPOR TAPE

STANDARD SIZES: 2" x 180', 3" x 180', 4" x 180'

Viper Vapor Tape is an aggressive seam tape that maintains superior moisture resistance when seaming, splicing, sealing, patching and hanging vapor barrier materials. Viper Vapor Tape is manufactured with a serrated edge to facilitate easy tear off during installation.



VIPER DOUBLE BOND

STANDARD SIZE: 2" x 90'

Viper Double Bond is a double-sided tape incorporating a high tack, high peel, butyl adhesive system ideal for sealing vapor barrier seams and/or adhering them to vertical foundation walls and piers. Viper Double Bond Tape holds aggressively to rough or porous surfaces.



WRAPTOR TAPE

STANDARD SIZE: 2" x 165'

Wraptor Tape is a versatile tape applied to joints and seams during house wrap installation to help provide a continuous barrier against water and air infiltration. The semi-translucent design enables installers to locate studs for secure fastening.



FOIL COATED TAPE

STANDARD SIZE: 2" x 150'

A foil coated tape with excellent adhesive and quick stick conforms to curved surfaces, strongly bonding to a variety of substrates. Can be used in applications requiring a reflective finish.



VAPORCHECK MASTIC

STANDARD SIZE: 5-Gallon (18.9 L) Pails, 28 oz. (.83 L) Caulking Tube

VaporCheck Mastic is a single component, trowel grade, polymer modified, water-based emulsion that cures to form a tough, seamless, elastomer membrane with excellent resistance to moisture and vapor transmissions.



VIPER VAPORPATCH

STANDARD SIZE: 11.5" x 50'

Viper VaporPatch is an all-weather vapor barrier pipe boot/collar and multi-purpose self adhering patch used for seaming, sealing, patching and hanging vapor barrier materials. Viper VaporPatch contains a pipe diameter template for easy of installation.



VIPER CS TERM BAR

STANDARD SIZE: 6' in Length

Viper CS Term Bar can be installed horizontally to mechanically hold liner and provide a sealant "shelf" or installed vertically as furring strips to create R-value enhancing air space.



VIPER CS LINER PINS

STANDARD SIZE: 1/4" Masonry Bit

Viper Crawl Space Liner Pins are the best way to secure vapor barrier materials to masonry walls providing a strong mechanical attachment in concrete block, brick or stone.

RESOURCES



Order



Submit a sample order request at www.isibp.com/sample-request.

Purchase orders sent direct to purchaseorders@isibp.com



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