



Wisershield™ Air Barrier 1130

Fluid - Applied Air and Vapor Permeable Membrane

Commercial Sealants and Waterproofing

PRODUCT DESCRIPTION

Wisershield™ Air Barrier 1130 is an elastomeric liquid applied asphalt-based coating formulated as an air/vapor and liquid moisture barrier within building envelopes. **Wisershield™ Air Barrier 1130** is weather resistant, waterproof, vapor resistant, UV stable, eco-friendly and safe to use. With its unsurpassed ability to expand and contract, it can easily withstand all weather conditions. **Wisershield™ Air Barrier 1130** cures to form a tough, seamless, elastomeric membrane which delivers excellent resistance to air and moisture transmission.

APPLICATION & USES

Wisershield™ Air Barrier 1130 can be applied to most common surfaces and integrated with most wall systems. It is suitable for new construction and restoration. Primary applications include cavity wall and masonry wall construction. **Wisershield™ Air Barrier 1130** also works for precast, cast in place, and block concrete, gypsum board, styrofoam, primed steel, drywall, and plywood.

- Residential/Commercial Mid/High Rise
- Passive Homes
- **Wisershield™ Air Barrier 1130** is designed to serve a protective function rather than an aesthetic one.

MAJOR ADVANTAGES OF *Wisershield™ Air Barrier 1130*

Wisershield™ Air Barrier 1130 exceeds all requirements of the **American Air Barrier Association**, the **Canadian Air Barrier Association** and all European requirements.

- **Wisershield™ Air Barrier 1130** coating can be used on almost any material, including wood, insulation, foam, fiberboard, and more.
- Low Permeability
- It elongates up to 800%, with 95% recovery
- This durable product can withstand severe temperature changes and is freeze/ thaw resistant without becoming cracked or strained
- Self-heals if it is punctured
- Environmentally benign, and free of toxins and VOCs
- Acts as a rain screen
- Produces a seamless, monolithic membrane

STORAGE & USE

- Mix each drum well prior to use.
- Ensure drum lid is sealed and airtight prior to use.
- Do not store in direct sunlight - storage range min. 40°F (5°C) to max. 90°F (32°C).
- Avoid storing or using the product in temperatures below 40.1°F (4.5°C).
- This product is mildly alkaline. Before applying, read associated Safety Data Sheet and follow guidance on proper personal protective equipment and material handling.

COVERAGE

Wisershield™ Air Barrier 1130 is applied at the rate of 20 ft² per U.S. gallon to produce a 60 mil protective membrane. **Wisershield™ Air Barrier 1130** dries to the touch in a few minutes at 68°F (20°C) and is completely cured in 24 hours. This curing time may vary depending on temperature and relative humidity. Typically, an application crew can spray 8,000 ft² (743 m²) per day.

TECHNICAL AND PRODUCT DATA

Percent Non-Volatile: 62.2
pH: 10-12
Specific Gravity: 1.06
Odor: Slightly Aromatic
Viscosity: 22-24s Zahn #2
Volatile Organic Compounds:..... 1 g/L
Color: Brown to Black

PACKAGING

Pail5 US Gal (20L)
Drum55 US Gal (205L)
Tote.....275 US Gal (1000L)

Wisershield™ Air Barrier 1130 passes all STANDARIZED TESTING listed below. Results supplied upon request.

- ASTM E2178-13 Standard Test method for Air Permeance of Building Materials
- CAN/ULC-S741 Standard for Air Barrier Materials - Specification
- ASTM D903 - 98 Standard Test for Peel or Stripping Strength of Adhesive Bonds.
- ASTM D1560 - 15 Standard Test Methods for Resistance to Deformation and Cohesion of Asphalt Mixtures by Means of Hveem Apparatus.
- ASTM E154 / E154M - 08a (2013) e1 Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover
- ASTM D412 - 16 Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers—Tension.
- ASTM C1306 / C1306M - 08(2016) e1 Standard Test Method for Hydrostatic Pressure Resistance of a Liquid-Applied Waterproofing Membrane.
- ASTM D570 - 98(2010) e1 Standard Test Method for Water Absorption of Plastics.
- ASTM E96 / E96M - 16 Standard Test Methods for Water Vapor Transmission of Materials.
- ASTM G90 - 17 Standard Practice for Performing Accelerated Outdoor Weathering of Materials Using Concentrated Natural Sunlight
- ASTM D1434 - 82(2015) e1 Standard Test Method for Determining Gas Permeability Characteristics of Plastic Film and Sheeting.

- ASTM C1305 / C1305M - 16 Standard Test Method for Crack Bridging Ability of Liquid-Applied Waterproofing Membrane.
- ASTM D543 - 14 Standard Practices for Evaluating the Resistance of Plastics to Chemical Reagents.
- ASTM D5635 / D5635M - 11 Standard Test Method for Dynamic Puncture Resistance of Roofing Membrane Specimens.
- ASTM D1474 / D1474M - 13 Standard Test Methods for Indentation Hardness of Organic Coatings.
- ASTM E119 - 18 Standard Test Methods for Fire Tests of Building Construction and Materials.
- ASTM G21 - 15 Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi
- ASTM G155 - 13 Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials.
- ASTM D746 - 14 Standard Test Method for Brittleness Temperature of Plastics and Elastomers by Impact.
- ASTM B117 - 16 Standard Practice for operating Salt Spray (Fog) Apparatus.
- USEPA - TCLP Toxicity Characteristic Leaching Procedure.
- BS EN 12457:2002 Characterization of Waste Leaching

WARRANTY DISCLAIMER

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