

SRP AirOutshield™ ROOF

SRP AirOutshield™

Vapor Permeable Air Barrier Underlayment
for Sloped Roofs

DESCRIPTION

A triple layer, spun bonded polypropylene, water resistant, vapor permeable air barrier underlayment for sloped roofs.

USES

As an air barrier, secondary drainage plane or underlayment under roofing systems including metal, copper, zinc, slate, cedar and clay tile.

PACKAGING

Product Code: AIR02

Roll size (WxL): 1.5 m x 50 m (59" x 164')

Gross Area per roll: 75 m² (807 ft²)

Weight: 12.8 kg (28.2 lbs) per roll

Color: Black (top) and Black (bottom)

SYSTEM ACCESSORIES

Tape: SRP 60 UV Seam Seal Tape (TAP03)
Roll size (WxL): 60mm x 25m (2.4" x 81')

SRP 100 UV Seam Seal Tape (TAP04)
Roll size (WxL): 100mm x 25m (4" x 81')

COMPLIANCES

Accepted by roof system manufacturers.
Consult SRP and your system manufacturer.
Tested to AC188

INSTALLATION

For complete instructions refer to the detailed installation guide available at www.SRPAirOutshield.com.

SRP AirOutshield ROOF is installed under the primary roofing material with the printed side facing up. Install it so that it forms a continuous membrane over the entire roof surface and allows water to drain away from penetrations and into the gutters. Ensure there are no blockages that may obstruct the water flow. Tape all seams on slopes of less than 3:12 (25.0%) and where deemed necessary to resist wind driven rain. To optimize performance, install a layer of ventilation mat or battens over the **SRP AirOutshield ROOF** prior to installing the primary roofing material.



FEATURES & BENEFITS

High Breathability Rate: Allows moisture within the roof system to dry rapidly, thereby reducing potential for mold, mildew, rot, metal corrosion and reduced thermal insulation values.

UV Resistant: Can be installed and left exposed for up to 120 days allowing construction to proceed efficiently. Cover product in accordance with the "Extreme Weather Statement".

Water Resistant: Moisture entering the roof system is quickly diverted before it can damage insulation and result in increased labor costs.

Durable: Tear, rip and puncture resistant, reducing repairs and related labor costs.

Polypropylene: Superior resistance to the high temperatures associated with typical dark colored roofing systems.

Cost Effective: Less costly than self adhered vapor permeable roofing underlayment membranes.

Vapor Permeable Air Barrier Underlayment for Sloped Roofs

PHYSICAL PROPERTY	TEST METHOD	RESULT
Nominal Weight		170 g/m ²
Nominal Thickness		0.6 mm
Color		Top: Black Bottom: Black
Water Vapor Transmission	ASTM E96 – Procedure A	6,808 ng/Pa/s/m ² (119 perms)
Hydrostatic pressure	BS EN 20811	7160 mm
Tensile Strength	MD CD	330 N/50mm 250 N/50mm
Low/High Temperature Unrolling	ASTM D1970	Pass
Pliability	ASTM D226	MD – Pass XMD – Pass
Accelerated Aging	AC48 Section 4.7	Pass
Ultraviolet Exposure	AC48	Pass
Liquid Water Transmission	ASTM 4869	Pass
Service Temperature		-40°C to 100°C (-40 °F to 212 °F)
Flame Spread Rating (FSR)	CAN/ULC-S102	5
Smoke Developed Classification (SDC)	CAN/ULC-S102	15
Flame Spread Index (FSI)	ASTM E84	5
Smoke Developed Index (SDI)	ASTM E84	5
Flexibility at Low Temperatures	EN 13859	-30 °C

PRECAUTIONS & LIMITATIONS

Not for use on roofs with slope less than 2:12 (16.7%).

SHORT FORM SPECIFICATION

Visit www.SRPAirOutshield.com for detailed specification.

Vapor permeable air barrier underlayment for slate, tile, cedar and metal sloped roofing systems: Triple layer, spun bonded polypropylene membrane with a nominal weight of 170 g/m², nominal thickness of 0.6mm and water vapor transmission 119 perms as per ASTM E96-95 method A. SRP AirOutshield ROOF by SRP AirOutshield Inc., 1-866-533-0233, www.SRPAirOutshield.com.

EXTREME WEATHER STATEMENT FOR ROOFING APPLICATIONS

As many areas are experiencing extreme weather conditions such as heavy and prolonged rainfall, "Best Building Practice" would suggest, and SRP AirOutshield recommends, that AirOutshield™ ROOF be augmented with additional waterproofing materials (e.g., tarps) **during the construction phase** to ensure that interiors are protected until the primary roofing material is applied. Neither SRP AirOutshield Inc. nor any of its affiliated companies, including product suppliers and manufacturers, shall be liable for damages, including but not limited to consequential damages, that result from water infiltration through AirOutshield™ ROOF during the construction phase.

Warranty: The information, and in particular, the recommendations relating to the application and end-use of SRP AirOutshield products, are given in good faith based on SRP AirOutshield's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, which can be accessed on the Internet under www.SRPAirOutshield.com