

# SRP AirOutshield™ UV

A UV Resistant, Vapour Permeable Air Barrier for Open Joint, Rain Screen Wall Systems



## DESCRIPTION

A double layer, coated polyester, water and ultra violet light (UV) resistant, vapour permeable air barrier for open joint rain screen wall systems.

## USES

Made specifically for open joint cladding systems where the membrane will be visible and resistance to long term UV exposure is needed.

Install as an air barrier, secondary drainage plane or sheathing membrane in open joint cladding systems including wood, fibre cement or metal.

Use AirOutshield WALL (AIR01) or AirOutshield SA280 (AIR04) in systems that do not allow UV to penetrate.

## PACKAGING

Product Code: AIR03

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

Weight: 20.3 kg (44.7 lbs)

Colour: 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)

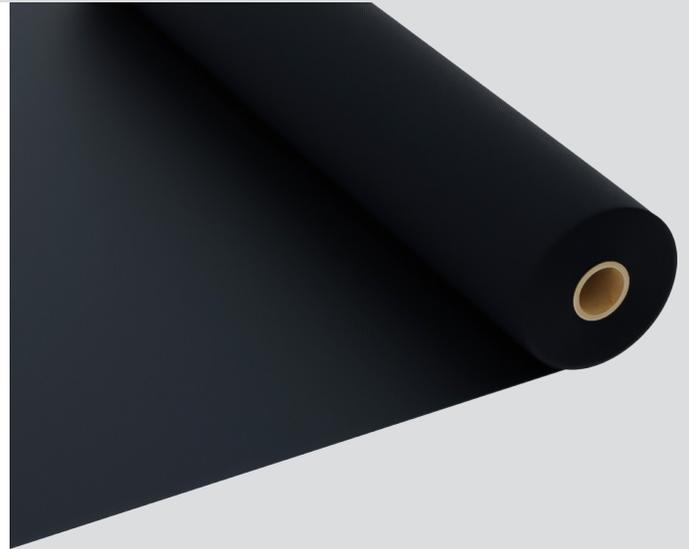
Roll size (WxL): 100mm x 25m (4" x 81')

## COMPLIANCES

Meets requirements of the DIN EN 13859-1 long term UV exposure test. Accepted as an underlay by wall system manufacturers. Consult SRP and your system manufacturer.

## INSTALLATION

For complete instructions refer to the detailed installation guide available at [www.srpcanada.ca](http://www.srpcanada.ca). SRP AirOutshield™ UV is installed under the primary wall cladding material with the smooth black (coated) side facing out. Install to form a continuous membrane over the entire wall area and to allow water to drain away from openings and penetrations. Ensure there are no blockages that may obstruct the water flow.



## FEATURES & BENEFITS

**UV Resistant:** Resists UV that penetrates through cladding systems. Tested in accordance with the stringent DIN EN 13859-1 European standard which includes testing before and after exposure.

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

**Water Resistant:** Moisture entering the wall system is quickly diverted before it can damage insulation and other components.

**Durable:** Tear, rip and puncture resistant which reduces repairs and related labour costs.

**Polyester:** Provides superior resistance to the high temperatures associated with typical dark coloured cladding systems.

**Black with no printing on the exterior:** Provides enhanced aesthetics for open joint cladding systems.

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PHYSICAL PROPERTY	TEST METHOD	RESULT
Nominal Weight		270 g/m <sup>2</sup>
Colour		Top: Black Coated Bottom: Black Textured
UV Resistance	DIN EN 13859	5,000 hours exposure with a reduction in tensile strength of less than 5%
Cold Temperature Bending	EN 1109	-50°C
Water Vapour Transmission	ASTM E96, Method A ASTM E96, Method B	1537 ng/Pa/s/m <sup>2</sup> (26.9 perms) 2555 ng/Pa/s/m <sup>2</sup> (44.7 perms)
Air Permeance	ASTM E2178	0.0001 L/s.m2 (0.00002 cfm/ft2) @75 Pa
Fire Classification USA	ASTM E 84-13a	Class 1 or A (FS <25, SD <450)
Fire Classification Canada	CAN/ULC- S102	Surface Burning Characteristics FSR 10 SDC 120

## PRECAUTIONS & LIMITATIONS

AirOutshield UV is not recommended for applications where more than 40% of the product will be exposed to UV or where joints are greater than 50mm in width. Do not use under asphalt shingles or in roofing. Install cladding system within 120 days from installation of AirOutshield UV.

## SHORT FORM SPECIFICATION

Short Form Specification (visit [www.srpcanada.ca](http://www.srpcanada.ca) for detailed specification). Breathable, UV Resistant membrane for open joint rain screen wall systems: Coated, spun bonded polyester, breathable membrane with a nominal weight of 270g/m<sup>2</sup>, tested to DIN EN 13859-1 for 5,000 hours exposure with less than 5% reduction in tensile strength. SRP AirOutshield UV breathable by SRP Canada, 1-866-533-0233, [www.srpcanada.ca](http://www.srpcanada.ca)

Warranty: The information, and in particular, the recommendations relating to the application and end-use of SRP Canada products, are given in good faith based on SRP Canada'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, copies of which will be supplied on request or can be accessed in the Internet under [www.srpcanada.ca](http://www.srpcanada.ca).