



*The Future of Cement Board*

## TECHNICAL DATASHEET

### SECOLITE® Water Resistive Barrier



Cofinanciado por:



UNIÃO EUROPEIA  
Fundos Europeus  
Estruturais e de Investimento



## Product Description and Intended Use

Secolite® Water Resistive Barrier is a high quality, versatile, breather membrane for use on all pitched cold and warm roofs, and insulated wall applications. The material meets EN 13859-1 for pitched roofing and EN 13859-2 for walls. Secolite® Water Resistive Barrier has excellent water resistance and provides high breathability; it is strong yet lightweight and complies with EN 13501-1 fire classification grade E.

- ✓ Highly waterproof
- ✓ Single product for all roofs & walls
- ✓ Excellent tensile and nail tear strength
- ✓ Grade E Fire
- ✓ CE Compliant to EN 13859 for roofs & walls
- ✓ High vapour permeability
- ✓ 3 layer laminate with microporous core
- ✓ Slip resistant surface with matte finish
- ✓ Recyclable and ecologically harmless
- ✓ Tested to BS5534 for wind uplift

## Technical Description

Roll Size:			
Standard width	1.5		m
Roll weight	9		kg
Roll length	50		m
Packing	60		Rolls per pallet
Nominal technical data:			
	Value	Units	Test Method
Weight	116	g/m <sup>2</sup>	EN 1849-2
MD/CD Tensile strength	250/170	N/50mm	EN 12311-1
Elongation MD/CD	60/80	N/50mm-1	EN 12311-1
Tear resistance MD/CD	150/190	N	EN 12310-1
Resistance to air penetration	0.000	m <sup>3</sup> /m <sup>3</sup> .h.50.pa	EN 12114
Sd value	0.05	m	EN 12572
Resistance to water penetration	W1 >250	Class/cm	EN 1928 EN 20811
Resistance against fire	E	Class	EN 13501-1
Temperature resistance	-40 to +80	°C	EN 1109
UV Resistance	Install as per BS 5534: 2014+A2: 2018 UV guidance		

Note: All technical data was compiled from information provided by the supplier.

## Installation Guidance

Fix Secolite® Water Resistive Barrier membrane to the wall structure; ensure upper layers overlap lower layers. Work from the bottom moving upwards and ensuring there are minimum overlaps of 100 mm on the horizontal joints. Do not begin a vertical lap joint within 300 mm of a corner, and vertical overlaps should

be at least 150 mm. Ensure the bottom framing is also protected by an overlap. Fix at suitable intervals with galvanised nails, stainless staples or similar fixings that will be permanent. Placement of membrane shall be according to local building regulations and technical standards.

Do not leave the membrane unnecessarily exposed to weathering, high winds, excessive UV etc. as this may cause damage over time. If you must leave the membrane exposed for extended periods of time, consider the use of suitable temporary protection materials. Always handle material carefully to prevent tears and punctures. Repair any damage which does occur with suitable tape.

## Packaging and Storage

Secolite® Water Resistive Barrier is available in 75 m<sup>2</sup> rolls (1.5 m wide X 50 m long) and are packaged 60 rolls to a pallet. Product should be stored in a cool dry place. Avoid prolonged exposure to direct sunlight. Please refer to the SDS for health and safety information.