

## **ARBOFLEX<sup>®</sup> LIQUID CARRIER MEMBRANE**

# Polyester reinforced roofing base layer

### Applications

ARBOFLEX<sup>®</sup> Liquid Carrier Membrane is a polyester<sup>®</sup> reinforced roofing base layer, saturated and coated with a high quality SBS (Styrene-Butadiene-Styrene) modified bitumen. The membrane is protected with a composite aluminium foil and an integral glass-fibre mat on its upper layer, whilst the bottom layer features a self-adhesive compound coating.

It is designed to use as a carrier membrane with ARBOFLEX<sup>®</sup>PU liquid waterproofing and should be used as part of a multi-layer built-up roofing system.

### Features & benefits

- Cold-applied, self-adhesive application
- Ideal for flame-free installations
- Easy-peel removable film
- Tough polyester reinforcement, providing additional dimensional stability and mechanical strength
- Good resistance to foot marking
- Excellent low temperature flexibility at -15°C
- Compatible with ARBOFLEX<sup>®</sup>PU liquid waterproofing
- Manufactured in accordance with EN 13707 + A2:2009 European Standards and testing methods.

### Substrate preparation

In order to achieve a good bond, the substrate should be dry, free of oil, fat and dust and other impurities. Before applying the ARBOFLEX<sup>®</sup> Liquid Carrier Membrane ensure that the substrate surface is primed with CARLISLE<sup>®</sup> FG35.

### Application guidelines

The ARBOFLEX<sup>®</sup> Liquid Carrier Membrane should be laid out in the required direction of work. Please note that on sloping roofs, the self-adhesive membrane should be laid out from the bottom, perpendicular to the slope direction. To install the ARBOFLEX<sup>®</sup> Liquid Carrier Membrane, the silicone release foil on the lower surface should be peeled off as work proceeds so that the self-adhesive compound on the membrane underside can be firmly bonded to the substrate. During application, ensure that there is a 15 cm overlap margin on all short side overlaps of 1 meter, and there should be a 10 cm overlap for all long side overlaps.



# ARBOFLEX® LIQUID CARRIER MEMBRANE

## Chemical resistance

ARBOFLEX® Liquid Carrier Membrane is water-resistant and is resistant to watery solutions of salt, diluted non-oxidising acids and bases. Please note that aliphatic and aromatic hydrocarbons, as well as chlorine hydrocarbons, oils and greases may loosen the structure of the product and should therefore be avoided.

## Storage

Rolls must be vertically stored in roofed-over spaces. If the rolls have to be stored outdoors for a long period of time, then they must be covered with a protective layer in order to protect them against the sunlight. If the rolls are to be stowed without pallets, they are not stacked one on top of another. Shelf-life is one year from the production date in case it is stored in its sealed and undamaged package in dry ambient conditions at a temperature from +5°C to +25°C away from direct sunlight.

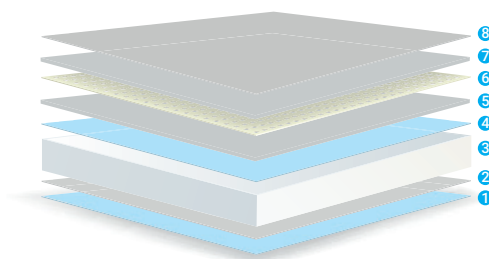
## Health and safety

A material safety datasheet is available for this product upon request.

Properties (test method)	Declared Performance
Length	33m
Width	1m
Weight per roll	24kg
Weight per m <sup>2</sup>	1.8 kg/m <sup>2</sup> (±0.2)
Reinforcement	120gsm polyester
Tensile strength (EN 12311-1)	500N/50mm (min)
Elongation (EN 12311-1)	45% (±20%)
Nail tear resistance (EN 12310-1)	≥100N
Flow resistance at elevated temperatures (EN 1110)	≥+85°C
Flexibility at low temperatures (DIN EN 1109)	-15°C (min)
Watertightness (EN 1928)	Pass Class W1
Adhesion (polyurethane foam)	1.4 MPa
Water vapour transmission properties (EN 1931)	40,000 μ (min)
Reaction to fire (EN 13501-1:2002)	Class E

The values in this table are approximate and can vary depending on the situation of the support or installation.

## Warm Roof



- 1 ALUTRIX® Vapour Barrier Membrane
- 2 Insulation adhesive
- 3 CARLISLE® Insulation
- 4 ARBOFLEX® Liquid Carrier Membrane
- 5 ARBOFLEX® PU Liquid Waterproofing
- 6 ARBOFLEX® 225 gsm Matt
- 7 ARBOFLEX® PU Liquid Waterproofing
- 8 ARBOFLEX® PU UV PROTECT

Both the information and the product descriptions contained in this publication have been compiled to the best of our knowledge and belief based on our prior experiences and tests. Claims for compensation may not be derived from the same. We reserve the right to make improvements to our product range, in accordance with our high standards in relation to technical advancement and the progression of quality.



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