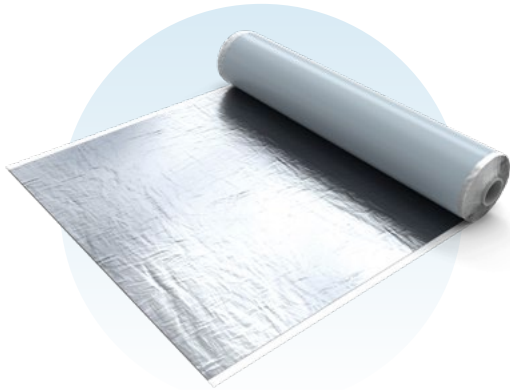


EXCLUSIVE FOR SPECIALIST REGISTERED INSTALLERS

RubberBond AVCL: Quality roofing, simplified.

Flex-R
Waterproof Solutions

RUBBERBOND
FLEECEBACK EPDM



- Flame-free, cold application
- Puncture resistant and foot trafficable
- Self-adhesive
- High tear resistance and tensile strength
- Suitable for use in high-humidity environments

RubberBond Air & Vapour Control Layer (AVCL) is a self-adhesive bituminous membrane, with an aluminium foil laminate and glass fibre reinforcement.

The upper aluminium surface has a polyester coating that protects from alkalis and provides a suitable surface for polyurethane insulation adhesives to bond.

High vapour resistance enables it to be used in high-humidity environments, including swimming pools, sports halls, bathrooms and kitchens.

The AVCL is compatible with a range of common substrates including concrete, plywood, OSB, and metal decks. RubberBond AVCL will also withstand foot traffic during installation.

Surface preparation and precautions

- Ensure the ambient temperature and target surfaces are within the application temperature range of 5 °C to 45 °C.
- Surfaces should be structurally sound, clean, dry, frost free and free from dust, grease, loose material and other contaminants.
- RubberBond AVCL Primer will improve adhesion generally, and enhance adhesion at the lower application temperature range. It is required on all porous and vertical substrates.

Installation

- Position the RubberBond AVCL to unroll at 90° to the roof slope.
- Remove the release film and apply firm, even pressure by hand, broom or roller to avoid trapping air.
- Continue subsequent runs of AVCL, allowing an edge overlap of 50-80mm, and an end-lap of 150mm, sealing the seams with a 50mm roller.
- Vertical surfaces must be primed, and the AVCL can be applied as separate strips, applying pressure with a 50mm roller.
- RubberBond AVCL must be protected from UV within 3 weeks of installation.

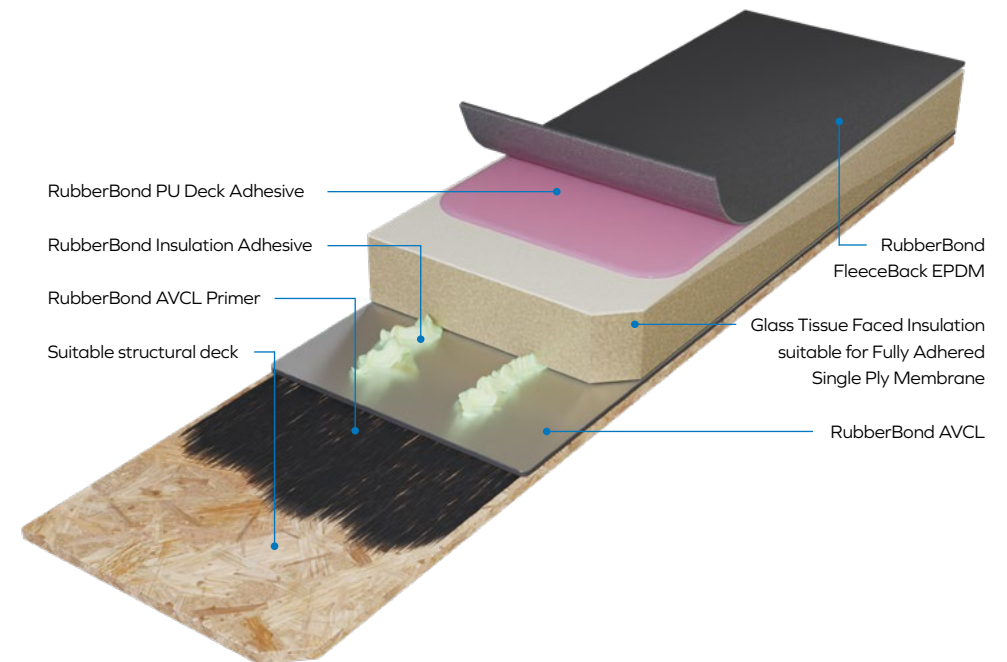
RubberBond AVCL Primer

RubberBond AVCL Primer is available in 4.5kg and 12.5kg cans for roller application, and 14.4kg canisters for spray application.

RubberBond AVCL Primer will improve adhesion generally, and enhance adhesion at the lower application temperature range. It is required on all porous and vertical substrates.

Primer Option	Coverage/Litre
RubberBond AVCL Primer Can	Up to 4m ² /Litre
RubberBond AVCL Primer Canister	Up to 10m ² /Litre

Safety Data Sheets for the AVCL Primers are available on request.



Technical data RubberBond AVCL

Technical Parameters	Value	Test Standard	Harmonised Standard
Length	22m + 1%	EN 1849-1	EN 13970
Width	915mm (minimum)	EN 1849-1	
Thickness	0.6mm	EN 1849-1	
Tensile Strength			
Longitudinal	≥ 710 N/50mm	EN 29073-3	
Transverse	≥ 600 N/50mm		
Elongation			
Longitudinal	>5%	EN 12311	
Transverse	>5%		
Watertightness	Pass	EN 1928	
Water vapour transmission	>1700 m	EN 1931	
Flexibility at low temperature	≤ -20°C	EN 1109	
Durability against ageing	Pass	EN 1296 EN 1931	
Joint Shear resistance	≥ 400 N/50mm	EN 12317-1	
Impact Resistance	Pass	EN 12691	
Resistance to tearing			
Longitudinal	≥ 190 N	EN 12310-1	
Transverse	≥ 190 N		
Peel Resistance of Joint	≥ 50 N/50mm	EN 12317-1	
Flow resistance at elevated temperature	≥ 90 OC	EN 1110:2010	
Reaction for Fire	NPD	EN 13501-1	
Durability against chemicals	NPD	Annex C	

NPD = No Performance Declared

Storage

Store rolls in a vertical position protected from sunlight, rainfall/snow and heat. Protect against frost. The product is best used within 12 months.

The Health & Safety Executive has published guidance for roof works HSG33

<https://www.hse.gov.uk/pubns/books/hsg33.html>

All the information in this product sheet is based on practical experience and is published in good faith. However, because we have no control over the manner or conditions in which our products are used, or over work undertaken or end product manufactured by the purchaser, we cannot accept liability for results.



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