

## STRATACON SA - VAPOUR CHECK AIR & VAPOUR CONTROL LAYER (AVCL)

STRATACON SA is a self-adhesive membrane consisting of a special compound based on distilled bitumen, modified with selected polymers and tackifiers and reinforced with a fiberglass core. STRATACON SA self-adhesive modified bitumen blend assures good flexibility at low temperatures and provides excellent adhesion to various substrates.

STRATACON SA is suitable for use as an AVCL in low to medium humidity environments such as shops, offices and private dwellings.

### APPLICATION CONDITIONS

When using self-adhesive membranes, it is important to ensure the deck is clean, dry and sound prior to application. Attention should be paid to weather conditions; low temperatures reduce the adhesion properties of the membrane, while high temperatures soften the membrane and make it more adhesive.

In hot conditions it is important to remove the backing film only when you are sure that the sheets are properly aligned, as, once they are bonded it is difficult to separate and realign them. In cold or foggy weather conditions, moisture can condensate on both the substrate and on the membrane, inhibiting adhesion.

Primer will be required on some substrates; please contact ICB (Waterproofing) Ltd for further advice.



Quick and easy  
installation

Flame Free - removes the need  
to torch apply, eliminating the  
risk deriving from the use  
of open flames

Compatible with most  
waterproofing systems

Helps remove the risk of  
condensation forming in  
low - medium humidity  
environments

### APPLICATION ADVICE

1. Ensure the deck is in a suitable condition and primed if required.
2. Unroll and align the first roll of StrataCon SA and then roll up again from both ends.
3. Cut and remove the protective film from one half of the membrane and simultaneously unroll and press down with the feet and/or with a metal roller. Repeat this step for the second half of the roll. By repeating the above, the second roll is unrolled parallel to the first, overlapping it by about 5 cm. The sheet must be laid parallel to the 1st sheet laid and must be staggered by at least 1 m to avoid four sheets overlapping to form a cross. Overlaps must consist of a maximum of three sheets meeting to form a T.

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### STRATACON SA

	STANDARD	NOMINAL VALUES	TOLERANCES
Length	EN 1848-1	1.5m	> as/declared
Width	EN 1849-1	1m	-0,5%
Thickness	EN 1849-1	2mm	± 0,2
Tensile Strength - long (max charge)	EN 1849-1	300 N/50mm	-20%
Tensile Strength - trans (max charge)	EN 1849-1	200 N/50mm	-20%
Elongation at Break (longitudinal)	EN 12311-1	3%	
Elongation at Break (transversal)	EN 12311-1	3%	
Water Vapour Transmission	EN 1931	100.000	
Cold Flexibility	EN 1109	-15°C	
Heat Resistance	EN 1110	100°C	
Water Tightness	EN 1928	>60Kpa	
Static Puncturing	EN 12730	50kg	