

ICB WATERPROOFING
Datasheet

STRATACON SA - Vapour Check

AIR & VAPOUR CONTROL LAYER (AVCL)

PROFILE

STRATACON SA is a self adhesive membrane consisting of special compound based on distilled bitumen modified with selected polymers and tackifiers and reinforced with a fibreglass 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 a AVCL in low to medium humidity environments such as shops, offices and private dwellings.

ADVANTAGES

- Quick and easy installation
- Flame-Free > removes the need to torch apply, & eliminates risks deriving from the use of open flames
- Compatible with most waterproofing systems
- Helps remove the risk of condensation forming in low to medium humidity

APPLICATION ADVICE

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 softens the membrane and makes 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.

APPLICATION INSTRUCTIONS

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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TECHNICAL DATA

	TECHNICAL DATA		STRATACON	
EN Norms	Features	Units	Nominal Values	Tolerances
EN 1848-1	LENGTH	m	1 5	> as/declared
EN 1848-1	WIDTH	m	1	-0,5%
EN 1849-1	THICKNESS	mm	2	± 0,2
EN 12311-1	TENSILE STRENGTH long. (max. charge) TENSILE STRENGTH trans. (max. charge)	N/50mm N/50mm	300 200	-20% -20%
EN 12311-1	ELONGATION AT BREAK (longitudinal) ELONGATION AT BREAK (transversal)	% %	3 3	
EN1931	WATER VAPOUR TRANSMISSION	µ	100.000	
EN 1109	COLD FLEXIBILITY	°C	-15	
EN 1110	HEAT RESISTANCE	°C	100	
EN 1928	WATER TIGHTNESS	Kpa	>60	
EN 12730	STATIC PUNCTURING	kg	50	

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