

STRATABASE-SBS STRATACAP-SBS

Bituminous elastomeric torch-on waterproofing membranes

SBS modified – Cold Flexibility - 15°C – Spunbond Polyester Reinforcement

STRATABASE-SBS and STRATACAP-SBS consist of a special compound based on distilled bitumen modified with selected elastomers and reinforced with a non-woven spunbond polyester reinforcement, which offers good characteristics of mechanical resistance, ultimate elongation and dimensional stability. The SBS modified waterproofing compound assures good flexibility at low temperatures and excellent properties of elongation and resistance to roof movements.

The whole ICB range of products is manufactured under a closely controlled system which conforms to the ISO 9001 requirements and guidelines.

Installation

The underside of STRATABASE-SBS and STRATACAP-SBS is finished with a thin thermo-fusible film, which easily melts upon torching, favouring a rapid and clean application. The upper side of the STRATACAP-SBS version is finished with a uniform layer of factory-applied natural or coloured slate chippings and is provided with a lateral selvedge for overlapping.

Surfaces must be perfectly dry, clean and sufficiently plain or levelled. Prior to adhering the membrane to the substrate, the latter must be primed with a quality bituminous primer. The product is welded down using a propane gas burner which burns off the underside film and melts down part of the bituminous undercoating. Overlaps have to be welded by torching with side laps of 8-10cm and end laps of 12-15 cm.

Stop installation in rain, snow, heavy fog or if the air temperature falls below +0°C.

Handling and storing

When unloading the material avoid any abrupt impact with the ground.

Do not take up the rolls to the roof without using supporting pallets and safety equipment.

Always store the rolls in an upright position, preferably under shelter. In the cold season, if possible, do not stock the product on site during night-time.

In case of double stacking, use a rigid separation board to spread the load.

Uses

STRATABASE-SBS and STRATACAP-SBS membranes are versatile and easy to install. Because of their good mechanical characteristics and high dimensional stability, they are suitable to be used both in residential and industrial waterproofing. STRATABASE-SBS and STRATACAP-SBS membranes are compatible with most materials normally used in roofing structures.

STRATABASE-SBS

STRATACAP-SBS



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TECHNICAL DATA			STRATABASE-SBS		STRATACAP-SBS	
EN Norms	Features	Units	Nominal Values	Tolerances	Nominal Values	Tolerances
EN 1848-1	LENGTH	m	8	> as/declared	8	> as/declared
EN 1848-1	WIDTH	m	1	-0,5%	1	- 0,5%
EN 1849-1	THICKNESSmm	8	± 0,2			
EN 1849-1	WEIGHT kg/m ²		3,0		4.5	± 0,2
EN 12311-1	TENSILE STRENGTH long. (max. charge)	N/50mm	400	-20%	400	- 20%
	TENSILE STRENGTH trans.(max. charge)	N/50mm	300	-20%	300	- 20%
EN 12311-1	ELONGATION AT BREAK longitudinal	%	40	-15pp	40	-15pp
	ELONGATION AT BREAK transversal	%	-15pp	40	40	-15pp
EN 12310-1	TEARING RESISTANCE longitudinal	N	140		140	
	TEARING RESISTANCE transversal	N	140		140	
EN 12730	STATIC PUNCTURING	kg	10		10	
EN 12691	DYNAMIC PUNCTURING	mm	1000		1000	
EN 1107-1	DIMENSIONAL STABILITY	%	conforms to UNI 8629		conforms to UNI 8629	
EN 1109	COLD FLEXIBILITY	°C	-15		-15	
EN 1110	HEAT RESISTANCE	°C	100		100	
EN 1928	WATER TIGHTNESS	Kpa	> 60		> 60	
EN 1928	WATER RESISTANCE (max. variation)	%	± 2		± 2	



ICB (International Construction Bureau) Ltd
Units 9-11 Fleets Industrial Estate,
Willis Way,
Poole,
BH15 3SU

Tel: 01202 785200
Fax: 01202 785201

Email: info@icb.uk.com

PRODUCT	WEIGHT (kg/sqm)	DIMENSIONS	ROLLS /PALLET
STRATABASE-SBS	3,0 KG	1 Roll 1 x 8 mt.	36
STRATACAP-SBS	4,5 KG	1 Roll 1 x 8 MT	30