



STRATACAP PLUS

Reinforced distilled polymer-bitumen elastomeric waterproofing membranes, containing radial styrene-butadiene thermoplastic rubber.

PROFILE

STRATACAP PLUS consists of a flexible reinforced 4mm granulated torch-on SBS waterproofing membrane. The roll sizes are 1m x 10m. Particularly developed for low temperature and long lasting flexibility. The non-woven single strand polyester fabric gives it high mechanical resistance and superb elasticity.

Developed with a compound of distilled bitumen with a high quantity of thermoplastic rubber which is manufactured from a block of copolymer of radial styrene-butadiene styrene (SBS) which gives it an ultimate elongation of 2,000% and an elastic recovery of 300%. This along with a cold flexibility of -25°C makes this ideal for the varied UK environment. This is considerably superior to ordinary bituminous waterproofing membranes.

The mineral finish (Slate granules which are bonded and hot pressed) protects the upper surface from UV. Giving it a long life cycle that can be recycled once it has served its purpose, giving it good credentials for eco buildings with its non toxic waste at the end of its life.

STRATACAP PLUS has been awarded the I.T.C. technical agreement for single layer installations. The whole ICB range of products is manufactured under a closely controlled system which conforms to the ISO 9001 requirements and guidelines.

HANDLING AND STORING

When unloading the material avoid any 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 seasons 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

STRATACAP PLUS 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.

STRATACAP PLUS membranes are compatible with most materials normally used in roofing structures.

ADVANTAGES

The underside of the Stratacap Plus has a thin thermofusible film. This easily melts when torching either with a gas torch or a hot air torch. Ideally suited for single layer on refurbishment of older bituminous roofs or on new build installations (Insulation boards).

The lap in the Stratacap Plus also has this thermofusible film for easy and complete jointing, giving a complete

waterproof and strong weld even in the most harsh temperatures -25°C to 100°C, making Stratacap Plus a versatile and highly effective waterproofing membrane.

Stratacap Plus can be laid on most type of surfaces (sloping, flat, curved) and also on different types of laying surfaces (cement floors, sitecast or prefabricated beam and block) and on metal, wood and thermal insulation. All surfaces must be clean, free from knibs and sharp objects (Chippings) dust free and primed with a cut back bitumen primer.

Follow the granular finish for size of Over laps typically - side laps 8-10cm and end laps 12-15cm.

TECHNICAL DATA

TECHNICAL DATA			STRATACAP PLUS	
EN Norms	Features	Units	Nominal Values	Tolerances
EN 1848-1	LENGTH	m	10	> as/declared
EN 1848-1	WIDTH	m	1	-0,5%
EN 1848-1	THICKNESS	mm	4	± 0,2
EN 1848-1	WEIGHT	kg/m ²	4.5	
EN 12311-1	TENSILE STRENGTH long. (max. charge)	N/50mm	850	-20%
	TENSILE STRENGTH trans.(max. charge)	N/50mm	700	-20%
EN 12311-1	ELONGATION AT BREAK longitudinal	%	50	-15pp
	ELONGATION AT BREAK transversal	%	50	-15pp
EN 12310-1	TEARING RESISTANCE longitudinal	N	200	
	TEARING RESISTANCE transversal	N	200	
EN 12730	STATIC PUNCTURING	kg	20	
EN 12691	DYNAMIC PUNCTURING	mm	800	
EN 1107-1	DIMENSIONAL STABILITY	%	conforms to UNI 8629	
EN 1109	COLD FLEXIBILITY	°C	-25	
EN 1110	HEAT RESISTANCE	°C	100	
EN 1928	WATER TIGHTNESS	Kpa	> 60	
EN 13501-5	EXTERNAL FIRE RESISTANCE		F roof	

PRODUCT	WEIGHT (kg/sqm)	DIMENSIONS	ROLLS
STRATACAP PLUS	4.5 KG	1 Roll = 1 x 10m	30