

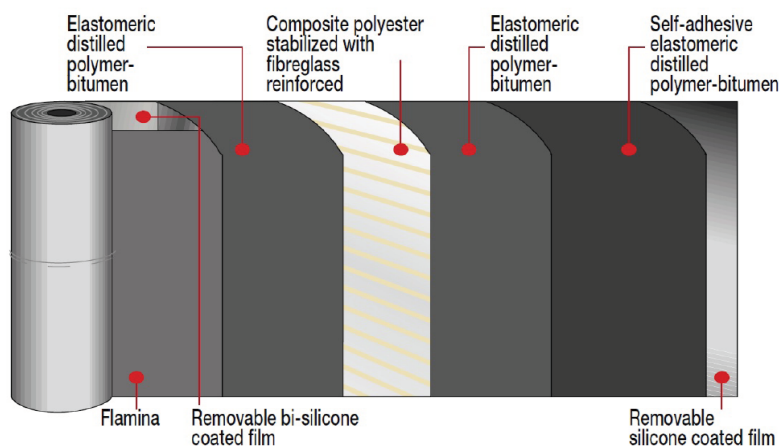


STRATABASE SA

Elastomeric distilled polymer-bitumen self-adhesive base layer

STRATABASE SA consists of thick elastomeric (SBS) distilled polymer-bitumen membrane, reinforced with a non woven composite polyester fabric and stabilised with fibre glass, offering high mechanical resistance and dimensional stability. The membrane has a self adhesive backing, consisting of a specially selected mix of Venezuelan bitumen, tackifying resins and radial and linear elastomeric thermoplastic polymers. The top face of STRATABASE SA is protected by a Flamina film, which makes it possible to join sheets using the self adhesive backing without any waste, no matter how the roll is cut.

The STRATABASE SA range provides a traditional felt system that can be used in areas where hot works are not permitted. The self-adhesive backing allows the membrane to be directly applied to insulation boards and timber surfaces.



APPLICATION ADVICE

STRATABASE SA membrane adheres to the most commonly used building materials: metal surfaces, plywood, OSB, polystyrene foam & extruded foam, polyurethane foam coated with polyethylene-coated fibreglass felt etc.

On porous surfaces such as cement & brick, old bitumen coverings and existing timber boarding, primer should always be applied. Store the rolls in a cool dry place until you are ready to lay the membrane; rolls should remain unopened until immediately before laying. Attention should also be paid to the weather conditions on the day of installation; low temperatures reduce the adhesion properties of the membrane, while high temperatures soften the membrane and adhesive, making it more viscous thus slowing down application. In hot conditions it is important to remove the protective film only when you are sure that the sheets are properly aligned. Once they are bonded it is difficult to separate and realign them.

In cold or foggy weather conditions, moisture can condensate on the roof deck and on the membrane, inhibiting adhesion; in temperatures below +5°C laying should be suspended. For slopes over 15% mechanical fastenings may be required.

ADVANTAGES

- Saves on the cost of adhesives and the associated costs of transport and application
- Reduces the risk of fire and burns
- Reduces hot bitumen fumes and harmful emissions from adhesives
- Safer, quicker and flamefree application

TECHNICAL DATA

	STANDARD	T	STRATABASE SA
Reinforcement			Now-oven composite polyester stabilised with fibreglass
Thickness	EN 1849-1	±0,2	2mm
Mass Per Unit Area	EN 1849-1	±10%	-
Roll Size	EN 1849-1	≥	1x15m
Watertightness	EN 1928-B	≥	60 kPa
Peel Resistance	EN 12316-1	-20N	-
Shear Resistance L/T	EN 12317-1	-20%	350/300 N/50 mm
Maximum Tensile Force L/T	EN 12311-1	-20%	450/400 N/50 mm
Elongation L/T	EN 12311-1	-15% V.A.	40/40%
Resistance to impact	EN 12691-A		800 mm
Resistance to static loading	EN 12730-A		10 kg
Resistance to tearing (nail shank) L/T	EN 12310-1	-30%	150/150 N
Flexibility to low temp. after aging	EN 1109 EN 1296-1109	≤ +15 °C	-25 °C -
Flow resistance at high temperature	EN 1110	≥	100 °C
Reaction to fire Euroclass	EN 13501-1		E
External Fire Performance	EN 13501-5		F roof
Thermal Conductivity			0.2 W/mK
Heat Capacity			2.60 KJ/K

