MIDA 5000

Torch-Applied, SBS Modified Bituminous Capsheets

Description

MIDA 5000 is a polyester reinforced, slate covered torch-on capsheet, saturated and coated with high quality SBS modified bitumen. The membrane carrier is a tough polyester reinforcement, giving the material excellent dimensional stability and very high mechanical strength. The upper layer is coated with coarse-grained slate, protecting the membrane from ultraviolet exposure and the lower layer is finished with a thermofusible film for fast and consistent torch-on application.
MIDA 5000 is a high-performance polyester based waterproofing material designed to suit requirements of both new build and remedial roofing applications. It is a reliable, environmentally friendly membrane with excellent performance and durability characteristics, and can be applied to suitable torch-on underlays as a capsheet in built-up waterproofing systems.
The product is not recommended for use as single layer waterproofing.

Product Features

- Flow resistance at high temperature 100ºC
- Excellent low temperature flexibility at -25ºC
- High puncture resistance and high resistance to foot marking
- High quality polyester carrier.

Application

MIDA 5000 should be installed in accordance with manufacturer recommendations and all relevant national standards and codes of practice, including BS 8217: 2005 - the code of practice for reinforced bitumen membranes for roofing.
Roofing contractors should also be fully conversant with the guidelines set out in the National Federation of Roofing Contractors (NFRC) 'Safe2Torch' campaign. All operatives using torch guns or hot air guns during installation should be competent, conversant, and capable of using such items in a safe and responsible manner. Care must also be taken when using torches and hot air guns near combustible materials, decorative coatings and heat sensitive materials.

MIDA 5000 must be bonded to the previously installed base layer/underlay by using the torch-on application method. Substrates must be clear of any debris or sharp projections, and primers should be used as necessary to prepare the surface for achieving most effective waterproofing longevity.

MIDA 5000 should be heated carefully, ensuring that the dispersible film completely melts as work proceeds and maintaining 5 mm bead extrusion from all laps. Side laps

must follow the manufactured mineral free pilot selvedge with end laps at minimum of 10 cm. The cap sheet should be offset 30 cm from the underlay to avoid build-up of overlaps.

Performance

Technical Data	Measure Units	Reference Norm	Properties	Tolerance
Length	m	EN 1848-1	8	
Width	m	EN 1848-1	1	
Mass	kg/m^2	EN 1849-1	5	±0.25
Roll weight	kg	EN 1849-1	18	
Tensile strength L/T	N/5 cm	EN 12311-1	700 / 500	
Nail shank resistance	N	EN-12310-1	250	±100
Elongation at break L/T	%	EN 12311-1	50 / 50	
Tearing Resistance L/T	N	EN 12310-1	150 / 140	
Dimensional stability	%	EN 1107-1	≤ 0.5	
Fire resistance		EN 13501-5+A1	BROOF(t1), BROOF(t2)	
Fire reaction		EN 13501-1+A1	E	
Watertightness		EN 1928 method A	kPa 300	
Cold bend flexibility	°C	EN 1109	≤ -25	
Flow resistance at elevated temp	°C	EN 1110	≥ +100	
Water vapour transmission properties	μ	EN 1931+AC	20000	
Adhesion of granules	%	EN 12039	15	± 15 abs

Availability

Product Name	Product Code	Roll Dimensions (m)	Weight(kg/m^2)
MIDA 5000	MIDA5000BLK	8 x 1	5

Storage

Store in a cool, dry place and protect from direct sunlight.

Further Information

View our full range of products at www.wonderbuilds.co.uk
You can also contact us at 0208 208 2121, or at admin@wonderbuilds.co.uk