



TOPSEAL 200

APP Modified Bitumen Membrane
with 200 gsm Non-Woven Polyester

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BITUMAT TOPSEAL 200 is a uniquely formulated prefabricated waterproofing membrane with a special multilayered design for superior pliability, tensile strength, workability and resistance to elements.

QUALITY CONTROL

In addition to stringent regular test by BITUMAT laboratory, our products are tested periodically by Independent laboratories.

The multilayered design consist of a spunbonded polyester core coated on both sides with APP modified bitumen. The polyester core gives the membrane high tensile strength, elongation and superior lap joint strength.

INSTALLATION TOOLS REQUIRED

Gas torch, knife, trowel, measuring tape, marking strings and gloves.

Properly installed, **BITUMAT TOPSEAL 200** forms an impervious, permanently flexible waterproof blanket which accepts normal structural movement without breaking or cracking.

APPLICATION

BITUMAT TOPSEAL 200 is installed by torch welding method, loose-laid or fully bonded to substrate. When loose-laid, only laps are bonded together. Peripheries and protrusions are sealed according to specifications.

USES

BITUMAT TOPSEAL 200 membrane is ideal for a wide range of waterproofing applications including roofs, car parks, reservoirs, etc.

COVERAGE RATE (Approx.)

(Rate may vary as per site requirement)

Flat areas : 1.15 m²/m² per layer
with 10 cm. side laps
and 15 cm. end laps.

Base flashing : 100x35 cm. with 15
cm. end laps, 0.40 m²/
Linear Meter.

Average wastage : 3 - 5%

OUTSTANDING FEATURES

- Excellent cost performance ratio
- Easy to install
- Total Impermeability
- Good bondability & seam integrity
- Stability at high temperature
- Good flexibility
- Compatible with all normal roofing and building components
- Good resistance to weathering and ageing
- Good resistance to impact and puncture

TORCHING GUIDELINES

The underside of the membrane should be torched just enough to superficially melt the bitumen. Excessive heating may damage the reinforcement.

Overlaps should be re-heated from the top and resealed with a trowel to ensure seam integrity. For details of installation methods and flashing requirements, consult the Bitumat technical department.

GENERAL DATA

Nominal Roll Length : 10 m
Nominal Roll Width : 1 m
Nominal Thickness : 3, 4, 5 mm
Re-inforcement : Non-woven polyester

PACKAGING

- 3mm - 28 Rolls / Pallet
- 4mm - 23 Rolls / Pallet

FINISHES

BITUMAT TOPSEAL 200 is available in two basic finishes:

- Black smooth finish with polyethylene surfaces for covered applications.
- Granule surfacing for exposed applications.

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TECHNICAL DATA

MBM 30 | 30-S | R-01 | 10-U

No.	Property	Typicla Value	Test Method
1	Softening point, °C	150 (± 5)	ASTM D 36
2	Cold Flexibility, °C	0 to +5	ASTM D 5147 EN 1109
3	Heat resistance, Compound stability @ 80°C for 2 hours & 15 minutes	No Flow	ASTM D 5147
4	Tensile Strength at (23±2)°C, N/5cm		
	Longitudinal	900	ASTM D 5147
	Transverse	700	
5	Elongation at (23±2)°C, %		
	Longitudinal	50	ASTM D 5147
	Transverse	50	
6	Tensile -Tear strength, N		
	Longitudinal	480	ASTM D 5147
	Transverse	400	ASTM D 4073
7	Shear resistance of joints, N/5cm		
	Side lap	700	EN 12317-1
	End lap	500	

The information given in this Technical Data Sheet reflects typical median properties based on laboratory test, and practical experience; subject to the tolerance levels of UEAtc directives. However, as the product is often used under conditions beyond our control, we can't warrant but the product itself.

THIS PUBLICATION AUTOMATICALLY SUPERSEDES ALL PREVIOUS PUBLICATIONS RELATING TO THIS PRODUCT.

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