



# TOPSEAL

APP Modified Bitumen Membrane  
with Non-Woven Polyester

BITUMAT  
بيتومات

The Power to Perform

**BITUMAT TOPSEAL** is a finely formulated APP modified bitumen membrane designed for efficient and easy applications.

**BITUMAT TOPSEAL** waterproofing membrane consists of non-woven polyester reinforcement, impregnated and coated on both sides with APP modified bitumen.

## USES

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

## 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

## GENERAL DATA

Nominal Roll Length : 10 Mtrs.  
Nominal Roll Width : 1 Mtr.  
Nominal Thickness : 3,4,5 MM  
Nominal Weight : 4mm / 47 Kgs per Roll  
Re-inforcement : Non-woven polyester

## PACKAGING

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

## FINISHES

**BITUMAT TOPSEAL** is available in two basic finishes :

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

## QUALITY CONTROL

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

## INSTALLATION TOOLS REQUIRED

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

## APPLICATION

**BITUMAT TOPSEAL** 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.

## COVERAGE RATE (Approx.)

(Rate may vary as per site requirement)

Flat areas : 1.15 M<sup>2</sup>/M<sup>2</sup> per layer  
with 10 cms. side laps  
and 15 cms. end laps.  
Base flashing : 100x35 cms. with 15  
cm. end laps, 0.40 M<sup>2</sup>/  
Linear Mtr.

Average wastage : 3 - 5 %

## 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.

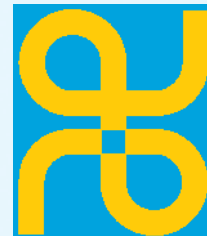


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### Technical Data

MBM 31 30-Q R-01 10-U

No.	Property	Typical Value	Test Method
1	Softening point, °C	150 (± 5)	ASTM D 36
2	Cold Flexibility, °C	0 to +5	ASTM D 5147
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	600	ASTM D 5147
	Transverse	400	
5	Elongation at (23±2)°C, %		
	Longitudinal	40	ASTM D 5147
	Transverse	45	
6	Tensile -Tear strength, N		
	Longitudinal	300	ASTM D 5147
	Transverse	200	ASTM D 4073
7	Shear resistance of joints, N/5cm		
	Side lap	600	EN 12317-1
	End lap	400	

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.**

*The Power to Perform*

*تمسوة في الأداء*



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#### BITUMAT COMPANY LIMITED

**Corporate Office** : P.O. Box 7487, Dammam 31462, Kingdom of Saudi Arabia Tel. No. (966-13) 8121210 / 8121213 Fax No: (966-13) 8121190

**Central Region** : P.O. Box 58698, Riyadh 11515, Kingdom of Saudi Arabia Tel. No. (966-11) 4770443 / 4792553 Fax No: (966-11) 4762318

**Western Region** : P.O. Box 12605, Jeddah 21483, Kingdom of Saudi Arabia Tel. No. (966-12) 6644449 Fax No: (966-12) 6640506

Email : [marketing@bitumat.com](mailto:marketing@bitumat.com) / Website: [www.bitumat.com](http://www.bitumat.com)

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