



**BITUMAT**  
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The Power to Perform

مسوة في الأداء

# PREMIERFLEX-2000

SBS Modified Waterproofing Membrane

## DESCRIPTION

BITUMAT PREMIERFLEX-2000 is an SBS modified bitumen waterproofing membrane reinforced with spunbonded polyester mat. The combination gives the proven waterproofing qualities of bitumen along with elasticity, and excellent resistance to weathering and ease of application.

## USES

BITUMAT PREMIERFLEX-2000 is a general purpose waterproofing membrane and is excellent in single layer or multi-layer roofing system. When surfaced with granular slate, BITUMAT PREMIERFLEX-2000 is ideal as an exposed top layer. BITUMAT PREMIERFLEX-2000 is also suitable for underground waterproofing. Suitable for moderately cold or hot climates.

## OUTSTANDING FEATURES

- Good cold weather resistance
- High tensile strength and tear resistance
- Good elongation and recovery
- Very good puncture resistance
- Resistant to substrate movement

## GENERAL DATA

Nominal Roll length	: 10 Mtr.		
Nominal Roll width	: 1Mtr.		
Nominal Thickness MM	3.0	4.0	5.0
Nominal Weight, Kg/m <sup>2</sup>	4.0	4.5	6.6
Reinforcement	: Spunbonded polyester mat.		

## PACKAGING

- 3mm - 28 Rolls / Pallet
- 4mm - 23 Rolls / Pallet
- 5mm - 16 Rolls / Pallet

## FINISHES

BITUMAT PREMIERFLEX-2000 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 tests by BITUMAT laboratory, our products are tested periodically by Independent Laboratories.

## INSTALLATION TOOLS REQUIRED:

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

## APPLICATION

BITUMAT PREMIERFLEX-2000 is installed by torch welding method, loose-laid or fully bonded to substrate. When loose-laid, only overlaps are bonded together. Peripheres 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 relevant *BITUMAT Systems Design and Installation Manual*.



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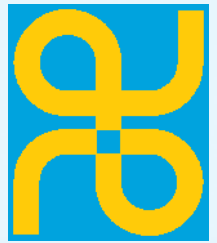


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## TECHNICAL DATA

MBM08 50-E R-01 20-U

No.	Property	Typical Value	Test Method
1	Softening point, °C	110	ASTM D 36
2	Low temperature flexibility, °C	-6 to -12	ASTM D 5147
3	Heat resistance, compound stability @ 90°C for 2 hours & 15 minutes	No Flow	ASTM D 5147
4	Tensile Strength at (23±2)°C, N/5cm Longitudinal Transverse	650 (13 KN/m) 500 (10 KN/m)	ASTM D 5147
5	Tensile Strength at (-18±2)°C, N/5cm Longitudinal Transverse	750 (15 KN/m) 625 (12.5 KN/m)	ASTM D 5147
6	Elongation at (23±2)°C, % Longitudinal Transverse	40 45	ASTM D 5147
7	Elongation at (-18±2)°C, N/5cm Longitudinal Transversal	21 22	ASTM D 5147
8	Tensile -Tear strength, N Longitudinal Transverse	350 350	ASTM D 5147 ASTM D 4073
9	Resistance to static loading, Kg	15	EN 12730-A
10	Resistance to impact, mm	650	EN 12691-A
11	Shear resistance of joints, N/5cm Side lap End lap	650 500	EN 12317-1
12	Water absorption, 24 hrs. at (23±2)°C, %	< 0.40	ASTM D 570
13	Dimensional Stability, %	± 0.50	ASTM D 5147

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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