



BITUMAT
بيتومات

DESCRIPTION

BITUMAT ROOFSEAL is a pre-fabricated APP modified bitumen membrane designed for economy and easy applications.

ROOFSEAL "P" is reinforced with 180 gsm non-woven polyester fabric, whereas ROOFSEAL "G" is reinforced with a glasfiber mat. The reinforcement is impregnated and coated on both sides with polymer modified bitumen.

USES

BITUMAT ROOFSEAL membrane is ideal for a wide range of waterproofing applications including roofs, basements, tunnels, car parks and reservoirs.

OUTSTANDING FEATURES

- 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 : 1M
Nominal Thickness : 3,4,5, MM
Re-inforcement : Non-woven polyester/
Glasfibre mat

PACKAGING

- 3MM – 28 rolls / pallet
- 4mm – 23 rolls / pallet

FINISHES

BITUMAT ROOFSEAL is available in two basic finishes:

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

ROOFSEAL

APP Modified Waterproofing membrane

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 string, Gloves.

APPLICATION

BITUMAT ROOFSEAL is installed by torch welding method.

Peripheries and protrusions are sealed according to specifications.

COVERAGE RATE (Approx.)

(Rate may vary as site requirement)

Flat areas : 1.15 M²/M² per layer with 10 cms.
Side laps and 15 cms.
End laps.

TORCHING GUIDELINES

The underside of the membrane should be torched just enough to superficially melt the bitumen. Excessive heating may damage 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 system design and Installation Manual*.



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ROOFSEAL

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TECHNICAL DATA

| | | | |
|-------|--------|------|----|
| PBM01 | MAY049 | R-00 | 00 |
|-------|--------|------|----|

| | Property | Typical Value | | Test Method |
|----|-------------------------------------|---------------|--------------|----------------|
| | | ROOFSEAL "P" | ROOFSEAL "G" | |
| 1. | Reinforcement | Polyester | Glasfiber | |
| 2. | Softening point °C | 155 | 155 | ASTM D36 |
| 3. | Penetration @25°Cdmm | 25 | 25 | ASTMD5 |
| 4. | Tensile strength, L/T, N/5CM@23°C | 900/800 | 350/300 | ASTM D 51 47 |
| 5. | Elongation, L/T,%@23°C | 50/45 | 3.0/3.3 | ASTM D 51 47 |
| 6. | Tear strength L/T, N | 500/400 | 60/80 | ASTM D 51 47 |
| 7. | Heat resistance, @80°C | No flow | No flow | ASTM D 51 47 |
| 8. | Coldflexibility, °C | 0-(-2) | 0-(-2) | ASTM D 51 47 |
| 9. | Lap joint strength L/T, N/5CM @23°C | 900/800 | 350/300 | CGSB-37-GP-56M |

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 UEA to 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 PUBLICATION RELATING TO THIS PRODUCT.

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