

• DESCRIPTION

Bituflame Slated range of APP modified bitumen waterproofing membranes are manufactured from a rich mixture of bitumen and selected polymers blended together to obtain excellent heat resistance, UV resistance and cold temperature flexibility. Polymerized bitumen then coated on to a dimensionally stable non woven polyester carrier to obtain tensile strength, tear and puncture resistance. Slate finished surface protects the membrane from UV radiation and provides an aesthetic surface.

* USES

Bituflame Slated membrane is used as waterproofing for exposed conditions such as roofs, terraces, balconies, patios, airport aprons & ramp areas. It may also be used as protection layer over other waterproofing membranes and coatings.

* INSTRUCTION FOR APPLICATION

Application procedure may vary depending upon site conditions. General application guideline is given below.

Priming

Apply Bitukote Bitumen Primer to a clean, smooth and dry surface by brush, roller or spray. Refer primer data sheet for more details.

Alignment

Unroll and align Bituflame Slated roll and re roll correctly before torching. Overlap should be 8 to 10 cm and end lap should be 10 to 15 cm.

Torching

Use gas burner to heat substrate and underside of Bituflame Slated membrane. Embossing on the lower face of the membrane allows a fast and safe laying. When embossing disappears, after torching, the membrane is ready to stick. Roll forward and press firmly against the substrate to bond.

Sealing

Heat both the overlaps and use round tipped trowel to seal the overlap. Excess compound should be smoothed and pressed into seam using hot trowel.

Upstand

All angles and abutments should be sealed with extra care to ensure full bondage. Seal the edges well into the grooves and protect with Bitumastic or Polysulphide sealant.

BITUFLAME SLATED

- **STANDARDS**

Bituflame Slated membranes conform to the requirements of ASTM D 6222 GRADE - G

- **SURFACE COLOUR**

Grey. Special colours are available on request

- **STORAGE**

Bituflame Slated rolls should be stored vertically in clean covered area. Rolls should not be stacked.

- **HEALTH & SAFETY**

All Safety measures should be observed during application. Fire extinguishers should be available at site. Care should be taken with gas and torch should not be rested on finished surface or on any materials that can be scorched by flame or hot torch. Protective tools, such as gloves and goggles should be worn by all workers during application.

BITUFLAME SLATED TECHNICAL DATA

PROPERTIES	VALUES	TEST METHOD
Roll Size-m	10 X 1	-
Thickness-mm	4	-
Unit weight-Kg/m ²	4.5	UEAtc
Carrier (polyester) weight g/m ²	180	UEAtc
Coating Asphalt	APP modified asphalt	
Softening Point (R&B) °C	150	ASTM D 36
Penetration at 25°C, dmm	15 - 25	ASTM D 5
Tensile Strength (L/T), N/5cm	650-500	UEAtc
Elongation at break (L/T), %	40/45	UEAtc
Tear Resistance (L/T). N	180/200	UEAtc
Puncture resistance	Static : L ₄ Dynamic I ₄	UEAtc
Heat resistance at 100°C	No flow	UEAtc

Tolerance according standards 5-20%

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Manufactured by

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