

# PLASTIFLAME 3060 & 4060

## APP MODIFIED – GLASS FIBER CARRIER

- **DESCRIPTION**

Plastiflame range of 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 onto a dimensionally stable carrier to obtain excellent tensile strength, tear and puncture resistance.

- **ADVANTAGES**

Durable and easy to apply  
Stability at high temperatures  
High resistance to salts and chemicals

- **USES**

Plastiflame is used as waterproofing/damproofing membrane for protection of various substrates in wide range of applications.

- **INSTRUCTION FOR APPLICATION**

Plastiflame membranes can be installed fully bonded or loose-laid by torch welding. The substrate should be cleaned and primed with Bitukote Bitumen Primer and allowed to dry. Torching should be done by skilled applicator and controlled so that only the PE film is melted and the asphalt coating is sufficiently softened to bond the membrane. All lap joints should be sealed and smoothed using a heated round-nosed trowel. All angles and abutments should be sealed with extra care to ensure full bondage. Seal the edges well into the grooves and protect with suitable sealant.

- **OVER LAP & END LAP**

7 – 10 cm overlap and 100 – 150 mm end lap is recommended.

- **SURFACING**

Standard surfacing is PE film on top and bottom. Different combinations for the top surfacing are available upon request such as sand, talc powder, colored minerals and aluminum foil.

- **PACKING**

Produced in rolls of 1 m x 10m. Rolls are palletized and shrink wrapped.

- **STORAGE**

Plastiflame should be stored vertically in clean covered area. Rolls should not be stacked.

- **HEALTH & SAFETY**

All measures should be observed during application. Fire extinguishers should be available at site. Protective tools, such as gloves and goggles should be worn by all workers during application.

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## PLASTIFLAME MEMBRANES 3060 & 4060

### TECHNICAL DATA

PROPERTIES	VALUES		TEST METHOD
	3060	4060	
Roll Size – m	10 x 1	10 x 1	UEAtc
Thickness – mm	3.0	4.0	UEAtc
Unit weight – Kg/m <sup>2</sup>	3.0	4.0	UEAtc
Carrier (glass fibre) weight g/m <sup>2</sup>	50 – 60	50 - 60	UEAtc
Coating Asphalt Softening Point (R&B) °C Penetration at 25°C, 0.1mm	Polymer modified asphalt 140 20 – 30		ASTM D 36 ASTM D 5
Tensile Strength (L/T), N/5cm	350/250	350/250	UEAtc
Lap Joint Strength (L/T), N/5cm	>350/250	>350/250	UEAtc
Tear Resistance (L/T), n	60/80	60/80	UEAtc
Resistance to water pressure	No leakage		Din 52123
Puncture resistance	Static : L <sub>3</sub> Dynamic : L <sub>3</sub>		UEAtc
Water absorption, % (bsp)	<0.15		ASTM D 5147
Heat resistance at 100°C	No flow		UEAtc
Resistance to aging after 2000 hrs (Weather Meter)	No deterioration		ASTM G 53

Tolerance according standards 5 – 20%

04-05



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