

PRODUCT DATA SHEET

TECHNICAL DATA SHEET 512011ME001
SUPERCEDES: TECHNICAL DATA SHEET MNGMFLM - 190507SME1E001

DESCRIPTION

MONOGUM® FLAM is a range of thermofusible bituminous waterproofing membranes modified with Atactic Polypropylene resins (APP), and reinforced with 200 g non-woven polyester reinforcement. MONOGUM® FLAM is a heat welded product to ensure full adhesion to the substrate and 100% sealing of side-laps and end-laps. The under face is covered with a thermofusible film while the upper face is covered with either polyethylene film, or slate flakes.

STORAGE & HANDLING

MONOGUM® FLAM should be stored away from the source of ignition. Wear necessary Personal Protective Equipment. Partly used material should be placed in a sealed container and stored in a well-ventilated area. Open containers should be kept tightly closed, away from fire or open flame.

USER APPLICATION

MONOGUM® FLAM is used in various applications for substructure waterproofing. All the application guidelines are described in SOPREMA's Technical Manuals in force.

ADVANTAGES

- High performance membrane
- Excellent durability and flexibility
- Resistant to weathering conditions
- Resistant to heat, aging, puncture and rotting

HEALTH, SAFETY & ENVIRONMENT

The product does not contain any substance likely to be detrimental to health or to the environment and complies with generally admitted Health & Safety Requirements. For further information please refer to relevant Material Safety Data Sheet (MSDS).

TRACEABILITY

Product traceability is ensured through a manufacturing identification present on the packaging.

QUALITY MANAGEMENT

SOPREMA always recognises as a high level of importance the quality of the products, the environment and safety. For this reason, we operate independently monitored Quality Management Systems in line with ISO 9001:2015.



COMPOSITION & PACKAGING

PROPERTY	MONOGUM® FLAM			
	4P 10	5P 10	4F 10	5F 10
Cold flexibility	-10 °C			
Thickness	4.0 mm	5.0 mm	4.0 mm	5.0 mm
Roll dimension	1 X 10 m	1 X 10 m	1 X 10 m	1 X 10 m
Roll weight	53 kg	66 kg	53 kg	66 kg
Rolls per pallet	25 Rolls / Pallet	16 Rolls / Pallet	25 Rolls / Pallet	16 Rolls / Pallet
Underface	Thermofusible film			
Surface	Thermofusible film		Slate flakes	

TECHNICAL PROPERTIES

PROPERTIES	STANDARDS	MONOGUM® FLAM
Softening point	ASTM D36	150 °C
Tensile strength, MD / CMD	EN 12311 - 1	800 / 600 N / 5cm
Elongation, MD / CMD	EN 12311 - 1	45 / 45 %
Flow resistance at elevated temperature	EN 1110	100 °C
Dimensional stability	EN 1107	≤ 0.5 %
Resistance to static puncture	EN 12730	L ₄ (25 kg)
Resistance to dynamic puncture	UEAtc	I ₄
Nail tear resistance	EN 12310 - 1	180 / 190 N
Watertightness test	EN 1928 : 2000	Conform
Shear resistance of joints	EN 12317 - 1	≥ 650 N / 5cm
Water absorption @ 24 Hrs.	ASTM D570	< 0.5 %

*Note: All products manufactured by SOPREMA comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.
Data is represented by average values, unless noted otherwise.
All values are nominal, tolerance ± 20 %*

TESTING AND CERTIFICATIONS



SUSTAINABILITY AND ENVIRONMENT

