

PRODUCT DATA SHEET

TECHNICAL DATA SHEET 522002107ME002

DESCRIPTION

MONOGUM® FLAM 250 is a range of thermofusible bituminous waterproofing membranes modified with Atactic Polypropylene resins (APP), and reinforced with non-woven polyester reinforcement. MONOGUM® FLAM 250 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

Rolls must be stored in upright position, with selvedge side on top to prevent damage. Store rolls in a clean dry location and cover as necessary to protect from any environmental impact such as extreme cold, heat, or moisture. Monitor varying environmental conditions during storage, handling and application of MONOGUM® FLAM 250.

USER APPLICATION

MONOGUM® FLAM 250 is used in various applications for substructure waterproofing. All the application guidelines are described in SOPREMA's Technical Manuals in force.

INSTALLATION



HEAT WELDED

ACCESSORIES

SOPRADERE HT - SOLVENT BASED PRIMER

AQUADERE HT - WATER BASED PRIMER

SOPRABOARD SF - PROTECTION BOARD

SOPRAMASTIC LM - BITUMINOUS MASTIC

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 250			
	4P10	5P10	4F10	5F10
Cold flexibility	-10 °C			
Reinforcement	250 g / m² non-woven polyester			
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 250
Softening point	ASTM D36	150 °C
Tensile strength, MD / CMD	EN 12311 - 1	1100 / 900 N / 5cm
Elongation, MD / CMD	EN 12311 - 1	50 / 55 %
Flow resistance at elevated temperature	EN 1110	105 °C
Dimensional stability	EN 1107	≤ 0.5 %
Puncture resistance	ASTM E 154	1100 N
Resistance to static puncture	EN 12730	L _s (25 kg)
Resistance to dynamic puncture	UEAtc	I _d
Nail tear resistance	EN 12310 - 1	220 / 240 N
Watertightness test	EN 1928 : 2000	Conform
Shear resistance of joints	EN 12317 - 1	≥ 1000 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