

# TECHNICAL DATA SHEET

# ELASTOPHENE

## ELASTOPHENE FLAM 25

## ELASTOPHENE FLAM 25 AR

### DESCRIPTION

**ELASTOPHENE FLAM 25** and **ELASTOPHENE FLAM 25 AR** are torch weldable waterproofing membranes, made up of elastomeric bitumen and a glass fleece reinforcement.

### COMPOSITION

	ELASTOPHENE FLAM 25	ELASTOPHENE FLAM 25 AR
- Reinforcement	Glass fleece (65 g/m <sup>2</sup> )	
- Elastomeric bitumen*	Blend of selected bitumen and sbs thermoplastic polymers	
- Uppurface	Plastic film	slate chippings - Grey - Black - Matisse (dark brown) - C zanne (light brown) - Veronese (green) - Gauguin (red) - Chagall (light grey)
- Underside	thermofusible plastic film	
- Thickness*	2.5 mm	2.5 mm on overlap
- Overlap	6 cm	

\* According to UEAtc-MOAT 31.

### CHARACTERISTICS

	ELASTOPHENE FLAM 25 ELASTOPHENE FLAM 25 AR	
	MDV (1)	MLV (2)
- Tensile strength at break *		
- Longitudinal	520 N/5 cm	250 N/5 cm
- Transversal	250 N/5 cm	150 N/5 cm
- Elongation at break *		
- Longitudinal	3.0 %	2 %
- Transversal	2.8 %	2 %
- Low temperature flexibility **	no cracking at - 20° C	no cracking at - 15° C
- Heat resistance **	105° C	100° C
- Dimensional stability ***	0,1 %	0,1 %

(\*) According to NF G 07-001

(\*\*) According to UEAtc-MOAT 31

(\*\*\*) According to UEAtc-MOAT 27

(1): MDV = Manufacturers determined value: An arithmetic mean value of a minimum number of independent measurements.

(2): MLV = Manufacturers limiting value: Minimum or maximum values as stated by the manufacturers to be met during testing of type internal quality control or external supervision with a confidence level of 95%.

## PACKING

	ELASTOPHENE FLAM 25	ELASTOPHENE FLAM 25 AR
- Length	10m	
- Roll width	1m	
- Weight	32kg	40kg
- Storage	Upright on pallets with plastic shrink wrapping	

Roll length is given with a tolerance of  $\pm 1\%$ . Rolls must be stored on flat ground. Pallets may be stacked to a maximum of two high with a separating layer. During cold or bad weather, application of the product will be easier when protected against moisture and when stored at a temperature of at least  $+ 2^{\circ}\text{C}$  for 5 hours before installation.

## USER APPLICATION

may be used as an underlay or top layer with ballast

**ELASTOPHENE FLAM 25** may be used as an underlay or top layer with ballast.

**ELASTOPHENE FLAM 25 AR** is used as a top layer with no additional protection.

## INSTALLATION

Exclusively by heat welding or torching technique.

## SPECIAL INDICATIONS

### Health and Environment:

The membrane does not contain any substance which is likely to be detrimental to health or to environment and complies with generally admitted Health and Safety requirements. For more detailed information, please refer to the relevant safety data sheet.

### Quality control:

**SOPREMA** has always attached the highest importance to Quality Control. For this reason, we operate an independently monitored and certified Quality Assurance System according to ISO 9001/EN 29001, certified by AFAQ.

**SOPREMA** reserves the right to amend the composition of its material and consequently their prices, without prior notice. For this reason, all orders will be accepted only in accordance with the conditions and technical specifications in force at the date of order. R.C. STRASBOURG 558 500 187 00098