

## ELASTOPHENE 180-25

### Description

Membrane composed of elastomer modified bitumen and a non woven polyester reinforcement.  
Used as a base layer within a multi layer waterproofing system or as an upper layer under ballast within a multi layer waterproofing system.  
The upper and lower surface are finished with sand.

### Characteristics

Composition	Standard	Unit	Value	Tolerance
Reinforcement			non woven polyester	
Reinforcement mass		g/m²	190	± 15 %
Finish upper side			sand	
Colour			-	
Finish lower side			sand	
Coating mass			elastomer modified bitumen	
Technical characteristics				
Thickness overlap	EN 1849-1	mm	2,6	± 5 %
Mass (indicative)	EN 1849-1	kg/m²	3,3	
Tensile force (L / T)	EN 12311-1	N/50 mm	≥ 550 / 400	
Elongation at max. tensile force (L / T)	EN 12311-1	%	≥ 30 / 30	
Resistance to root penetration	EN 13948		NPD	
Resistance to static loading	EN 12730-A	kg	≥ 20	
	EN 12730-B		NPD	
Resistance to impact	EN 12691-A	mm	≥ 1000	
	EN 12691-B		NPD	
Dimensional stability	EN 1107-1	%	≤ 0,5	
Resistance to tearing (nail shank) (L / T)	EN 12310-1	N	≥ 200 / 200	
Flexibility at low temperature	EN 1109	°C	≤ -16	
Flexibility at low temperature after aging	EN 1109 / EN 1296	°C	NPD	
Flow resistance at elevated temperature	EN 1110	°C	≥ 100	
Flow resistance at elevated temperature after aging	EN 1110 / EN 1296	°C	≥ 90	
Joint properties: peel resistance	EN 12316-1	N/50 mm	NPD	
Joint properties: shear resistance	EN 12317-1	N/50 mm	NPD	
Watertightness	EN 1928	kPa	≥ 10	
Reaction to fire	EN 13501-1	Class	E	
Packing				
Dimensions of the roll	EN 1848-1	m	≥ 7,00 / 10,00 x 1,00	
Mass/roll		kg	± 23 / 33	
Rolls/pallet			49 / 36	

NPD = no performance determined

### Installation

- Fully adhered with hot bitumen, overlaps torched.
- Fully adhered with cold adhesive, overlaps torched.
- Fully applied by torch-on or hot-air method including the overlaps.

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.

Contact: [www.soprema.com](http://www.soprema.com)

## Special indications

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### Hygiene, Health and Environment

The product does not contain any substance which is likely to be detrimental to your health or to the environment and complies with generally admitted Health and Safety Requirements.

For more information, please refer to the relevant safety data sheet.

### Quality-, Environment- and Safety 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 and Environment Assurance Systems in line with **EN ISO 9001** and **EN ISO 14001**.

