

# ELASTER BM-4 (PMB 75/130 – 60)

## DEFINITION:

Polymer modified bitumen complying with EN 14023 standard and obtained by chemical reaction between the base binder and an elastomeric polymer.

## SPECIFICATIONS:

Characteristics	Units	Standard	Min.	Max.
<b>Original binder</b>				
Penetration (25 °C; 100 g; 5s)	0,1 mm	EN 1426	75	130
Softening point	°C	EN 1427	60	-
Fraass breaking point	°C	EN 12593	-	-15
Storage stability:		EN 13399		
• Difference in softening point	°C	EN 1427	-	5
• Difference in penetration (25 °C)	0,1 mm	EN 1426	-	13
Elastic recovery (25 °C)	%	EN 13398	60	-
Flash point	°C	EN 2592	220	-
Force ductility (5°C)	J/cm <sup>2</sup>	EN 13589	1	-
<b>RTFOT residue</b>				
Mass variation	%	EN 12607-1	-	1,0
Penetration (25 °C; 100 g; 5 s)	% p.o.	EN 1426	60	-
Increase in softening point	°C	EN 1427	-	10
Decrease in softening point	°C	EN 1427	-	5

## APPLICATIONS:

- Anti-cracking mortars.
- SAM/SAMI membranes.
- Non-woven polipropylene geotextile membranes.

## RECOMMENDED WORKING TEMPERATURES:

- Mixing temperature (°C): 150- 160.
- Working temperature (°C): 150- 160.
- Compaction temperature (°C): 145- 155.
- Maximum heating temperature (°C): 170.