

ELASTER BM-4 (PMB 75/130 – 60)

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

SPECIFICATIONS

Characteristics	Unit	Standard	MIN	MAX
Original Binder				
Penetration (25°C; 100g; 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	-	-15
Difference in softening penetration (25°C)	0,1 mm	EN 1426	-	13
Elastic Recovery (25°C)	%	EN 13398	60	-
Flash Point	°C	EN ISO 2592	220	-
Force ductility (5°C)	J/cm ²	EN 13589	1	-
RTFOT Residue				
Change of mass	%	EN 12607-1	-	1,0
Retained penetration (25°C; 100g; 5s)	% p.o.	EN 1426	60	-
Increase in Softening Point	°C	EN 1427	-	10
Drop in Softening Point	°C	EN 1427	-	5

RECOMMENDED WORKING TEMPERATURES

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

APPLICATIONS

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