

ELASTER BM-2 (PMB 25/55 – 65)

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	25	55
Softening Point	°C	EN 1427	65	
Fraass Breaking Point	°C	EN 12593	-	-7
Storage Stability		EN 13399		
Difference in softening point	°C	EN 1427	-	5
Difference in softening penetration (25°C)	0,1 mm	EN 1426	-	9
Elastic Recovery (25°C)	%	EN 13398	50	-
Flash Point	°C	EN ISO 2592	235	-
Force ductility (10°C)	J/cm ²	EN 13589	3	-
RTFOT Residue				
Change of mass	%	EN 12607-1	-	0,8
Retained penetration (25°C; 100g; 5s)	% p.o.	EN 1426	60	-
Increase in Softening Point	°C	EN 1427	-	8
Drop in Softening Point	°C	EN 1427	-	5

RECOMMENDED WORKING TEMPERATURES

- > Mixing temperature (°C): 160 - 170.
- > Working temperature (°C): 160 - 170.
- > Compaction temperature (°C): 155 - 165.
- > Maximum heating temperature (°C): 180.

APPLICATIONS

- > High modulus mixtures.
- > Asphalt and Porous Asphalt in hot climate areas.
- > Rutting Resistant Asphalt.