

Elaster BM-3a (PMB 45/80 - 55)

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

Applications:

› Bituminous mixtures

Recommended working temperatures:

› Mixing temperature (°C):
155- 165

› Working temperature (°C):
155- 165

› Compaction temperature (°C):
150- 160

› Maximum heating temperature (°C): 175

Specifications:

Characteristics	Units	Standard	Min.	Max.
Original binder				
Penetration (25 °C; 100 g; 5s)	0.1 mm	EN 1426	45	80
Softening point	°C	EN 1427	55	-
Fraass breaking point	°C	EN 12593	-	-12
Storage stability:		EN 13399		
• Difference in softening point	°C	EN 1427	-	5
• Difference in 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 (5°C)	J/cm ²	EN 13589	1	-
RTFOT residue				
Mass variation	%	EN 12607-1	-	0.8
Retained penetration	% p.o.	EN 1426	60	-
Increase in softening point	°C	EN 1427	-	8
Decrease in softening point	°C	EN 1427	-	5