

Elaster BM-3b (PMB 45/80 - 60)

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

Applications:

- > Discontinuos mixtures
- > Draining mixtures
- > SMA and AUTL mixtures
- > Fatigue and cracking resistant mixtures
- > Conventional 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	60	-
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	2	-
RTFOT residue				
Mass variation	%	EN 12607-1	-	1.0
Retained penetration	% p.o.	EN 1426	60	-
Increase in softening point	°C	EN 1427	-	10
Decrease in softening point	°C	EN 1427	-	5