

ELASTER RAF AV (PMB 45/80 – 75)

DEFINITION:

High performance 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.
Original binder				
Penetration (25 °C; 100 g; 5s)	0,1 mm	EN 1426	45	80
Softening point	°C	EN 1427	75	-
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
Flash point	°C	EN 2592	80	-
Elastic recovery (25°C)	%	EN 13398	235	-
Force ductility (5°C)	J/cm ²	EN 13589	3	-
RTFOT residue				
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 mixes.
- Rutting resistant Asphalt.
- SMA and AUTL mixtures.
- High Performance asphalt.

RECOMMENDED WORKING TEMPERATURES:

- Mixing temperature (°C): 175- 185.
- Working temperature (°C): 175- 185.
- Compaction temperatura (°C): 170- 180.
- Maximum heating temperature (°C): 190.