

ELASTER RAF BT (PMB 45/80 – 75)

High performance polymer modified bitumen complying with EN 14023 standard and obtained by chemical reaction between the base binder and an elastomeric polymer. Specifically designed for warm mixtures.

SPECIFICATIONS

Characteristics	Unit	Standard	MIN	MAX
Original Binder				
Penetration (25°C; 100g; 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 softening penetration (25°C)	0,1 mm	EN 1426	-	13
Elastic Recovery (25°C)	%	EN 13398	80	-
Flash Point	°C	EN ISO 2592	235	-
Force ductility (5°C)	J/cm ²	EN 13589	3	-
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): 140 - 185.
- > Working temperature (°C): 175 - 185.
- > Compaction temperature (°C): 135 - 180.
- > Maximum heating temperature (°C): 190.

APPLICATIONS

- > Mixes to be transported during long times.
- > Anti-cracking mixes.
- > Rutting resistant asphalt.
- > Stone mastic asphalt and ultrathin mixtures.
- > High performance asphalt mixtures.