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ELASTER BM-3c (PMB 45/80 – 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 (25ºC; 100g; 5s)	0,1 mm	EN 1426	45	80
Softening Point	ºC	EN 1427	55	-
Fraass Breaking Point	ºC	EN 12593	-	-15
Storage Stability		EN 13399		
Difference in softening point	ºC	EN 1427	-	5
Difference in softening penetration (25ºC)	0,1 mm	EN 1426	-	9
Elastic Recovery (25ºC)	%	EN 13398	70	-
Flash Point	ºC	EN ISO 2592	235	-
Force ductility (5ºC)	J/cm^2	EN 13589	3	-
RTFOT Residue				
Change of mass	%	EN 12607-1	-	1,0
Retained penetration (25ºC; 100g; 5s)	% p.o.	EN 1426	60	-
Increase in Softening Point	ºC	EN 1427	-	10
Drop in Softening Point	ºC	EN 1427	-	5

RECOMMENDED WORKING TEMPERATURES

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

APPLICATIONS

- Discontinuous mixtures.
- Porous asphalt.
- Stone mastic asphalt and ultrathin mixtures.
- Fatigue and cracking resistant asphalt.
- Conventional asphalt mixtures.

AENOR ER Empresa Registrada UNE-EN ISO 9001 ER-0129/1994

CERTIFIED IQNet MANAGEMENT SYSTEM

N.B: The recommendations in these technical specifications are purely for guidance and for general situations and Cepsa takes no responsibility whatsoever for misuse. For individual cases, contact Cepsa Technical Department.