

## 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.

### SPECIFICATIONS

Characteristics	Unit	Standard	MIN	MAX
<b>Original Binder</b>				
Penetration (25°C; 100g; 5s)	0,1 mm	EN 1426	45	80
Softening Point	°C	EN 1427	55	
Fraass Breaking Point	°C	EN 12593	-	-12
<b>Storage Stability</b>		EN 13399		
Difference in softening point	°C	EN 1427	-	5
Difference in softening 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 <sup>2</sup>	EN 13589	1	-
<b>RTFOT Residue</b>				
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): 155 - 165.
- > Working temperature (°C): 155 - 165.
- > Compaction temperature (°C): 150 - 160.
- > Maximum heating temperature (°C): 175.

### APPLICATIONS

- > Bituminous mixtures.