



Based on a patented technology, polymer modified bitumen **Eliflex HD** is the suitable bituminous binder to produce high performance pavement: high resistance to permanent deformations even at high temperature service, high resistance to fatigue and good behaviour at low temperatures.

Eliflex technology is based on high molecular weight radial SBS polymer type.

Eliflex HD complies with European Specifications EN 14023.

PROPERTIES

Properties	Unit	Values		Method
		Min	Max	
Penetration at 25°C	0.1 mm	50	70	EN 1426
Softening point, Ring & Ball	°C	70	85	EN 1427
Fraass breaking point	°C		-12	EN 12593
Specific gravity 25/25°C	-	1.00	1.05	EN ISO 3838
Flash point (COC)	°C	250		EN ISO 2592
Dynamic viscosity at 160°C	Pa s	0.3	0.7	EN 13702
Elastic recovery at 25 °C	%	80		EN 13398
Cohesion at 10°C	J/cm ²	3		EN 13589-13703
Hot storage stability	°C		5	EN 13399
Resistance to hardening RTFOT:	-			EN 12607-1
- change in mass (absolute value)	%(m/m)		0.5	
- retained penetration at 25°C	%	60		EN 1426
- increase in softening point	°C		10	EN 1427

The declared values are referred to test samples taken at the moment of the delivery of the product and prepared for analysis according to the European EN 12594 standard.





APPLICATIONS

- Polymer Modified Bitumen **Eliflex HD** is the suitable binder to produce porous asphalt, ultra thin layers, high modulus asphalt, Split Mastix Asphalt and for all applications when high performance are requested in terms of durability and resistance to permanent deformations.

FURTHER INFORMATION

- STORAGE AND HANDLING TEMPERATURE

Eliflex HD	°C
Three days storage	170 - 180
Long term storage	130 - 140
Asphalt mixing	165 - 180
Compaction	150 - 165

