

Paving Grade Bitumen 20/30



Paving Grade Bitumen 20/30 is a high quality bitumen produced by Eni with the most modern industrial processes and using appropriate crude oils.

The product meets the European standard EN 12591 and achieves the maximum level of hardening resistance (severity 1).

PROPERTIES

Properties	Unit	Values		Method
		Min	Max	
Penetration at 25°C	1/10 mm	20	30	EN 1426
Softening point, Ring & Ball	°C	55	63	EN 1427
Penetration index	-	-1.5	0.7	EN 12591 (ANNEX A)
Fraass breaking point	°C		NR	EN 12593
Specific gravity 25/25°C	-	1.00	1.10	EN ISO 3838
Flash point COC	°C	250		EN ISO 2592
Dynamic viscosity at 60°C	Pa s	440		EN 12596 EN 13702
Dynamic viscosity at 135°C	mPa·s	530		EN 13702
Solubility in organic solvents	% (m/m)	99.0		EN 12592
Resistance to hardening RTFOT:	-			EN 12607-1
- change in mass (absolute value)	%		0.5	
- retained penetration at 25°C	%	55		EN 1426
- increase in softening point (Severity 1)	°C		8	EN 1427

The declared values are referred to homogeneous test samples, taken at the point of delivery using a sampling method according to the European EN 58 standard and prepared for the analysis according to the European EN 12594 standard.



Paving Grade Bitumen 20/30



APPLICATIONS

- **Paving Grade Bitumen 20/30** produced by Eni has very high performance in terms of resistance to ageing and plasticity which make it a great product in road paving sector for the realization of asphalt mixtures for roadways, runways, pavement, track race and landing platform.
- This special grade is useful also to produce bituminous mixes for those applications where high resistance to deformation is requested.

FURTHER INFORMATION

- Approximate temperatures:
Storage 160-170°C;
Mixing 160-180°C;
Compaction 150-170°C.
- The recommended maximum handling & storage temperature is 200°C.

