



## Paving Bitumen EM

ExxonMobil Asphalt, United Kingdom

PENETRATION GRADED BITUMEN PRODUCTS - UK

### Product Description

Paving Bitumen EM are penetration graded bitumen products derived from specially selected crude oils via carefully controlled refining processes.

The quality of ExxonMobil products is assured for every delivery. They are produced and controlled according to the ExxonMobil Global Product Integrity Management System, EN ISO 9000 or equivalent standard.

### Applications

Paving Bitumen EM grades are recommended for road construction. If other applications are considered, then users should conduct appropriate testing before use.

### Specifications and Approvals

This product meets or exceeds the requirements of:	35/50 EM	40/60 EM	70/100 EM	100/150 EM	160/220 EM
BS EN 12591	X	X	X	X	X

### Properties and Specifications

Property	Limits	35/50 EM	40/60 EM	70/100 EM	100/150 EM	160/220 EM
Penetration, 25 C, 0.1 mm, EN 1426	Min-Max	35-50	40-60	70-100	100-150	160-220
Softening Point, °C, EN 1427	Min-Max	50-58	48-56	43-51	39-47	35-43
Flash Point, Cleveland Open Cup, °C, EN ISO 2592	Min	240	230	230	230	220
Solubility in Toluene, wt%, EN 12592	Min	99.0	99.0	99.0	99.0	99.0
Kinematic Viscosity @ 135 C, mm <sup>2</sup> /s, EN 12595	Min	370	325	230	175	135
Change in Mass, on EN 12607-1 Residue, %, EN 12607-1	Max	0.5	0.5	0.8	0.8	1.0
Retained Penetration, on EN 12607-1 Residue, %, EN 1426	Min	53	50	46	43	37
Increase in Softening Point, on EN 12607-1 Residue, °C, EN 1427	Max	8	9	9	10	11

### Health and Safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

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**Further Information**

ExxonMobil supplies a full range of bitumen, waxes, white oils, process oils and a full range of other lubricants, fuels and chemical products worldwide. Please contact your local ExxonMobil representative, or contact us at [www.exxonmobil.com](http://www.exxonmobil.com) for more information on other products.

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