



## Paving Bitumen EM

ExxonMobil Asphalt , Spain

PENETRATION GRADED BITUMEN PRODUCTS - SPAIN

### 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	50/70 EM	70/100 EM	160/220 EM
DIN EN 12591	X	X	X	X

### Properties and Specifications

Property	Limits	35/50 EM	50/70 EM	70/100 EM	160/220 EM
Penetration, 25 C, 0.1 mm, EN 1426	Min-Max	35-50	50-70	70-100	160-220
Softening Point, °C, EN 1427	Min-Max	50-58	46-54	43-51	35-43
Flash Point, Cleveland Open Cup, °C, EN ISO 2592	Min	240	230	230	220
Solubility in Toluene, wt%, EN 12592	Min	99.0	99.0	99.0	99.0
Pfeiffer Penetration Index, EN 12591-ANNA	Range	-1.5 to 0.7	-1.5 to 0.7	-1.5 to 0.7	-1.5 to 0.7
Fraass Breaking Point, °C, EN 12593	Max	-5	-8	-10	-15
Change in Mass, on EN 12607-1 Residue, %, EN 12607-1	Max	0.5	0.5	0.8	1.0
Retained Penetration, on EN 12607-1 Residue, %, EN 1426	Min	53	50	46	37
Increase in Softening Point, on EN 12607-1 Residue, °C, EN 1427	Max	11	11	11	12

### 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**

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The ExxonMobil logo is displayed in white text on a dark background. The word "Exxon" is in a bold, sans-serif font, and "Mobil" is in a slightly lighter, sans-serif font. A stylized flame or drop shape is positioned between the two words.

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