

BETÚN ASFÁLTICO 70/100

DEFINITION:

Asphalt bitumen that complies with the specifications in the standard EN 12591 for 70/100 bitumen.

SPECIFICATIONS:

Characteristics	Unit	Standard	Min.	Max.
Fresh binder				
Penetration (25 °C)	0,1 mm	EN 1426	70	100
Softening point (R&B)	°C	EN 1427	43	51
Penetration index	-	EN 12591	-1,5	+0,7
Fraass point	°C	EN 12593	-	-10
Solubility	%	EN 12592	99,0	-
Flash point	°C	EN 2592	230	-
RTFOT residue				
Mass loss	%	EN 12607-1	-	0,8
Retained penetration	% p.o.	EN 1426	46	-
Increase in softening point	°C	EN 1427	-	11

APPLICATIONS:

- Hot bituminous mixtures.
- Fabrication of derivative bituminous products.

RECOMMENDED WORKING TEMPERATURES:

- Mixing temperature (°C): 145- 155.
- Working temperature (°C): 145- 155.
- Compaction temperature (°C): 140- 150.

ROADS – CONVENTIONAL BITUMEN

→ Maximum heating temperature (°C): 165.