

BETÚN ASFÁLTICO 35/50 BT

DEFINITION:

Asphalt bitumen designed for warm mix fabrication. It enables reducing fabrication temperatures as well as energy consumption and greenhouse gas emissions.

SPECIFICATIONS:

Characteristics	Units	Standard	Min.	Max.
Fresh binder				
Penetration (25 °C; 100 g; 5s)	0,1 mm	EN 1426	35	50
Softening point	°C	EN 1427	50	58
Penetration index	-	EN 12591	-1,5	+0,7
Fraass point	°C	EN 12593	-	-5
Solubility	%	EN 12592	99,0	-
Flash point	°C	EN 2592	240	-
RTFOT residue				
Mass loss	%	EN 12607-1	-	0,5
Retained Penetration	% p.o.	EN 1426	53	-
Variation in softening point	°C	EN 1427	-	11

APPLICATIONS:

- Warm asphalt mixtures.
- Mixtures requiring long transportation time and/or implementation procedures.
- Conventional mixtures.

RECOMMENDED WORKING TEMPERATURES:

- Mixing temperature (°C): 130 - 165.
- Working temperature (°C): 155- 165.
- Compaction temperature (°C): > 125.
- Maximum heating temperature (°C): 170.