



60/70 Bitumen

Product Technical Data Sheet

Shell's 60/70 Bitumen is a penetration grade bitumen used in road and airport constructions and other similar applications.

Typical Binder Properties

		Typical Data	ASTM Method
Penetration @ 25°C	1/10 mm	60 - 70	D5
Softening Point R & B	°C	48 - 56	D36
Solubility in 1.1.1 trichloroethylene, min.	%	99.5	D2042
Ductility @ 25°C, min.	cm	100	D113
Flash Point (Cleveland Open Cup), min	°C	276	D92
Loss on heating	%	0.2	D6
Drop in penetration after heating	%	20	D5
Relative Density @ 25/25°C		1.00 - 1.06	D70

Application Temperature

The following temperatures are recommended for **Shell's 60/70 Bitumen**:

Storing	: 120°C - 150°C
Mixing	: 135°C - 155°C
Compacting	: 125°C - 145°C

Health and Safety

Shell's 60/70 Bitumen is unlikely to present any significant health or safety hazard when properly used in the recommended application, provided good standards of industrial and personal hygiene are maintained.

For further information, please contact:

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<http://www.shell.com/bitumen>