

POLYASPHALT 60/70

Penetration grade bitumen

Protective and waterproofing coating

CHARACTERISTICS

- ▶ Hot applied
- ▶ Excellent barrier against penetration of water
- ▶ Excellent resistance to chlorides and sulphates
- ▶ Conforms to the following standards:
ASTM D 946,
AASHTO M 20,
BS 3690



DESCRIPTION

Polyasphalt 60/70 is a penetration grade bitumen used as a paving grade bitumen used for the construction of roads and asphalt pavements. This is also used as a protective and waterproofing coating on concrete surfaces.

FIELDS OF APPLICATION

- waterproofing below ground block work, concrete structures prior to back filling
- road construction and maintenance of flexible pavements

APPLICATION

Surface preparation

The surface shall be cleaned thoroughly of all contaminants like dust, traces of curing compound, oil, grease. All surface imperfections and protrusions are to be removed and repaired. Structurally unsound and friable concrete must be removed and repaired with a suitable concrete repair mortar.

Application

The bitumen being thermoplastic in nature requires initial heating in order to melt the bitumen in the supplied drum. Applied the hot melt bitumen with suitable means onto the concrete surface as per the required thickness.

COVERAGE

1L/m² for 1mm thickness



TDS_Polyasphalt 60/70_RTL_1116

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CLEANING

Cleaning of tools and equipment used during the application of the bitumen can be done by a suitable cleaner as recommended by the manufacturer.

STORAGE & SHELF LIFE

Store under cover, out of direct sunlight and protect from extreme temperatures. Shelf life is up to 12 months when stored as per recommendations. Failure to comply with the recommended storage conditions may result in premature deterioration of the product.

HEALTH & SAFETY

Proper PPE should be worn during the application of this product as it contains hot components and may cause severe burn if it comes in contact with the skin. Burns should be provided with immediate medical assistance.

SUPPLY

140kg drum

TECHNICAL DATA

PROPERTIES	VALUES	TEST STANDARD
Specific gravity at 25°C	1.01	ASTM D 70
Penetration at 25°C, [dmm]	60-70	ASTM D 5
Softening point (R&B), [°C]	47	ASTM D 36
Flash point (COC), [°C]	250	ASTM D 92

All values given are subject to 5-20% tolerance

Apart from the information given here it is also important to observe the relevant guidelines and regulations of various organisations and trade associations as well as the respective standards. The aforementioned characteristics are based on practical experience and applied testing. Warranted properties and possible uses which go beyond those warranted in this information sheet require our written confirmation. All data given was obtained at an ambient and material temperature of +23°C and 50 % relative air humidity at laboratory conditions unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed.

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of wilful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.



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