



Product Data Sheet

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VARZSEAL® S-H/90

Description

VARZSEAL®S-H/90 is a single component, hot-applied, plasto-elastic polymer modified bituminous crack and joint sealant, specially formulated to be used into expansion asphalt cracks in areas with very cold winters. The sealant is supplied in solid form and can be applied using sealing melter applicator units.

Uses

Highways and city roads
Runways and taxiways

Advantages

Due to high polymer content, VARZSEAL®S-H/90 is viscous enough at application temperature to fill the cracks satisfactorily, and also is liquid enough to penetrate into all tiny holes of cracks and protecting them from penetrating water.

General information

Color	Black
Bitumen type	Polymer-modified bitumen
Density	1.1 - 1.2 kg/l
Softening point	~ +100 °C
Penetration	~ 40 dmm
Cone penetration	~ 30 dmm
Maximum heating temperature	185 °C
Mixture temperature	170 ± 5 °C
Temperature in the nuzzle	160 to 165 °C
Packaging	16 kg pack



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Application

Crack configuration

-According to SHRP H-106 configuration B
or
-Minimum Crack depth: 10 mm
-Width/Depth ratio: 1/1 to 1/1.5

Surface preparation Heating

All surfaces must be clean, dry and free from all loose adhering particles.

Heat up to 170 ± 5 °C in a controlled oil bath or oil jacket melting-vessel with agitator until a smooth, even and pour able consistency is achieved.

Application

Apply by melter-pourer or for detailed work use a metal-lipped bucket. Sealing may be done at environment temperature of 4°C and higher.

Cleaning

Clean all tools and equipments immediately after use, with Kerosene or other appropriate solvents

Safety Instructions

Safety precautions

Wear goggles and gloves during application. In case of contact with eyes immediately wash them with plenty of water and start first aids.