



## VARZSEAL® S-H/45

### Description

**VARZSEAL®S-H/45** is a single component, hot-applied, plasto-elastic polymer modified bituminous crack and joint sealant, specially formulated to be used into asphalt cracks in hot climates. The sealant is supplied in solid form and can be applied using sealing melter applicator units.

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### Uses

Highways and city roads  
Runways and taxiways

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### Advantages

Due to high polymer content, **VARZSEAL®S-H/45** 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

<b>Color</b>	Black
<b>Bitumen type</b>	Polymer-modified bitumen
<b>Density</b>	1.1 - 1.2 kg/l
<b>Softening Point</b>	~ +96 °C
<b>Penetration</b>	~ 36 dmm
<b>Cone Penetration</b>	~ 28 dmm
<b>Maximum heating temperature</b>	185 °C
<b>Mixture temperature</b>	175 ± 5 °C
<b>Temperature in the nuzzle</b>	160 to 165 °C
<b>Packaging</b>	16 kg pack



## Product Data Sheet

REV 98 Fall  
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# VARZSEAL® S-H/45

## 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

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

### Heating

Heat up to  $175 \pm 5$  °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.