



Product Data Sheet

REV 98 Fall
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VARZSEAL® S-H/20

Description

VARZSEAL®S-H/20 is a single component, hot-applied, plasto-elastic polymer modified bituminous joint sealant, specially formulated to be used into water canals horizontal and sloped construction expansion joints in different climates. The sealant is supplied in solid form and can be applied using appropriate melting units.

Uses

Water canals with Construction horizontal and sloped cracks.

Advantages

Due to high polymer content, VARZSEAL®S-H/20 is viscous enough at application temperature to fill the joints satisfactorily, and also it is liquid enough to penetrate into all tiny holes of joints and protecting them from penetrating water.

General information

Color	Black
Bitumen type	Polymer-modified bitumen
Density	1.18 kg/l
Softening Point	~ +95 °C
Penetration	~ 30 dmm
Cone Penetration	~ 20 dmm
Maximum Heating Temperature	190 °C
Mixture temperature	170 ± 5 °C
Surface temperature	160 to 165 °C
Packaging	16 kg pack



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Application

Joint configuration

-Minimum joint depth:	10 mm
-Width/Depth ratio for expansion joints:	1/1 to 1/1.5
-Width/Depth ratio for construction and contraction joints:	1/1 to 1/2.5

Surface preparation

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

Heating

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

Application

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

Cleaning

Clean all tools and equipment immediately after use with Kerosene or other appropriate solvent.

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.
