



Bituminous, hot-applied joint sealant for clutches of steel sheet piles

Use

Hot-applied joint sealant for sealing clutches of steel sheet piles before erecting and fitting the steel sheetpiles especially in sandy foundations.

Properties

BIGUMA[®]- SV is a bituminous, hot-applied joint sealant plasticised with additives. BIGUMA[®]- SV shows high adhesive strength and can be applied without problems. The steel sheet piles can be processed directly after the joint sealant has cooled (approx. 1 hour).

Application instructions

a) Melting

Melting has to take place in such a way that the sealant is never heated above the maximum allowed temperature of 190 °C. For this purpose a heater should be used equipped with mechanical agitation, thermometer and indirect thermal oil heating.

When using a roofer heater, you have to take care that the sealant is regularly stirred and the temperature is controlled. Overheating of the sealing compound leads to an impairment of the quality.

b) Foundation

The clutches of the steel sheet piles must be dry, clean and free from dust. Scale and rust must be re-moved by sandblasting.

c) Sealing of steel sheet pile clutches

After melting, the clutches are filled with the sealant using a sealing lance or by hand with suitable equipment. The steel sheet pile should be placed flat, if possible, horizontal, with a temporary plug at each end to avoid sealant running out. After sealing, the sealant must be allowed to cool. Afterwards the sheet piles can be used.

Material consumption

BIGUMA[®]- SV: $\text{length of steel sheet pile (cm)} \times \text{width of clutch (cm)} \times \text{depth of clutch (cm)} \times \text{specific gravity of seal-ant (g/cm}^3\text{)} = \text{consumption (g)}$

Storage

The product has to be stored cold and dry and is storable for at least 24 months.

Central Sales

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Form of supply

The joint sealant will be filled into thin metal tins (hobbocks) and transported on non returnable pallets. A separation agent coating and the welted type of the hobbocks guarantee a fast, problem-free and safe removal of the mass out of the tin. The removed blocks can be filled into the heater together with the probably still adherent separation agent coating. Alternatively the joint sealant is available in silicone coated cartons.

Carton:	10 kg
Metal tins:	26 kg, 10 kg

Cleaning agent

Equipment:	BIGUMA®- SWS, petrol and commercial solvents
At skin contact:	hand washing paste

Technical data

Application temperature:	approx. 160 - 180 °C
Density:	approx. 1,0 g/cm ³
Primer:	not necessary

This product information corresponds to our latest available information. The processor is obliged to test the suitability and application options for the intended purpose. We shall be pleased to advise if you have any questions about our product. Our Terms and Conditions of Business apply, which can be found at www.dga.de.

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