

BIGUMA[®]-SV



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 temperature:	approx. 160 °C
Specific gravity:	approx. 1.00 g/cm ³
Primer:	no primer required
Supplied in:	Tins: 26 kg, 10 kg Cartons: 10 kg

Application instructions

a) Melting

BIGUMA[®]- SV has to be heated indirectly and carefully to the application temperature in a boiler equipped with mechanical agitation, indirect heating and thermometer. Unsuitable and inadvisable is equipment without mechanical agitation and indirect heating. The temperature of the sealant must be thermo-statically regulated. It must be controllable at all times.

Overheating of the sealant should be avoided as this will damage the plasticisers added for stabilization and improvement, resulting in reduced compressive strength.

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 BIGUMA[®]- SV using a sealing lance or by hand with suitable equipment. The steel sheet piles should be placed flat, if possible, horizontal, with a temporary plug at each end to avoid sealant running out. The sealant must be allowed to cool before use.

Material consumption

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

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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