

# Melavill SP

Bitumen hot applied for sealing of sheet piles

**Product** **Melavill SP** is a special Bitumen for sealing of sheet piles before ramming or mounting respectively for sandy ground particularly. The production process and the factory production control are certified acc. to EN ISO 9001.

**Product Characteristics** **Melavill SP** is a hot applied sealing compound based on Bitumen. The product is characterized by stability at elevated temperatures. **Melavill SP** has an excellent adhesion on metal surfaces. Depending on ambient temperatures the material is soft to ductile or hard.  
**Melavill SP** is harmless for the environment and can be used in ground water areas. Bitumen does not contain water soluble or water polluted substances and has been classified as non hazardous to water by the „Kommission zur Bewertung wassergefährdender Stoffe“, water hazard classe 0. (Umweltbundesamt, Bitumen, Kenn-Nr. 326)

**Application and Handling** **Melavill SP** has to be melted with the packing foil in a suitable indirect heated paddle mixer up to max. 200°C and then poured into the interlocks by hand or injection lance. There remains no packing waste. The sheet piles can be processed forward after cooling of the material.  
 The compound in the interlocks prevents particles from the ground to infiltrate into the interlocks and so as well the blocking of the sheet piles during ramming. **Melavill SP** reduces the friction of the interlocks additionally.  
 Consumption: approx. 0,25 up to 0,5 kg/m interlock.  
 The interlocks has to be dry, clean, free of particles and free of fat, oil and dust.  
 Do not use again overheated compound.  
 Applicable at ambient temperatures min. +5°C.

**Technical Data**

Density at 25 °C	g/cm <sup>3</sup>	1,02 - 1,05
Penetration, approx.	°C	50
Softening Point Ring & Ball, approx.	°C	85
Fraass Breaking Point	°C	- 10
Loss of Mass by Heating at 163 °C, 5 h	%	max. 0,5
Flash Point	°C	min. 250
Plasticity Range	°C	95
Packing unit	Blocks of 20 kg 360 kg / Palett	
Article No.	102252	
The numerical values are nominal values which and are covered by statistical variations. Technical modifications reserved. It is in user's responsibility to verify the suitability of the product in all application aspects and to make sure to be in possession of final release of the data sheet.		
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**Storage** During storage protect material against heat / direct sunlight.