



JOINT SEALING COMPOUND SVM

GREY / BLACK



SWARCO TRAFFIC SYSTEMS GMBH is a member of the internationally active SWARCO group, the one-stop shop for road markings, signage, signalisation and traffic management – your reliable partner for traffic solutions.

The joint sealing compound PU 4009 (grey or black) is a two-component, filled polyurethane cast resin. After final hardening, the compound will be elastic and insensitive to frost or heat.

APPLICATION:

For sealing of joints in roads, storehouses etc., especially to seal induction loops. The compound shows good adhesion to concrete, eternit, asphalt and different synthetics. As the hardened compound will keep elastic, you can remove the compound out of the joint by using a knife or a similar sharp tool.

PROCESSING:

In order to have the best adhesion of the joint compound to the flanks, the joints to be sealed must be dry and free of dust and oil. The use of a primer is not necessary. The sealing of the joints may only be carried out when the weather is dry. If necessary, the joints have to be covered.

The two components (resin and hardener) belonging to one unit are already in the right ratio so there is no need to weigh them. Before the hardener is added, the resin should be well stirred up.

The hardener must be poured completely into the resin and both components must be mixed by constantly stirring them for approx. 3 minutes. A homogenous mixture shows a uniform colour without any streaks in the compound. Avoid stirring in too much air while mixing. The processing time is related to the ambient temperature: at lower temperatures you have longer processing times, respectively at higher temperatures shorter ones. In order to avoid extreme temperatures, the units should be kept warm (e.g. in the car) or cool (e.g. in the shadow) before processing.

The reaction heat of the compound while hardening is negligible. After 1 to 2 hours you can step on the joint. The speed of hardening depends on the ambient temperature and the joint's cross-section. The final state of hardness will be reached after 3 to 5 days.

Calculating the required quantity

Weight [g] = total joint length [cm] x joint width [cm] x depth [cm] x density [g/cm³]



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STORAGE:

The originally closed containers must be stored in a dry and frost-free place. Open units must be used at once. The processing-guarantee is 12 month after production date (see labels on the containers). Avoid direct exposure to sun heat. Keep dry.

SAFETY INSTRUCTIONS:

Follow the advice printed on the containers and the relevant safety data sheets for resin and hardener.

TECHNICAL DATA:

Processing temperature	+10°C to +35°C
Storage temperature	+10°C to +40°C
Mixing ratio	grey: 100:9 / black: 100:12 (by weight)
Processing time	15 min. to 20 min. at +20°C to +25°C
Final hardness	after 3 to 5 days (depending on ambient temperature)
Density	grey: 1.35 g/cm ³ / black: 1.34 g/cm ³ (+20°C; reaction product)
Hardness Shore D	60 to 70 (+20°C)
Resistance to temperature	-25°C to +100°C (after hardening)

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