

GusjointT[®]-P Paving Joint Sealant

Polymer modified, bituminous paving sealing compound
in accordance with TL Fug-StB 24.

Use

GusjointT[®]-P is suitable for the filling of joints in all types of paved surfaces with sett and slab pavings.

Properties

GusjointT[®] - N2 fulfils the requirements of “the Technical Delivery Conditions for bituminous joint sealants in traffic areas” (TL Fug-StB) for paving joint sealants.

GusjointT[®] - P distinguishes itself by the following characteristics:

- high stability
- good application characteristics at heat and at cold temperatures
- good bonding at rail and adjoining surfaces
- high ageing resistance of the joint
- resistant against aqueous solutions, salts and thinned acids, or similar
- bituminous building material and therefore problem-free recyclable

Application instructions

a) Melting

GusjointT[®]-P has to be heated carefully to the application temperature of 160-180 ° C in a boiler equipped with mechanical agitation, indirect heating and thermometer. The temperature of the sealant must be thermostatically regulated; it must be controllable at all times. Overheating of the sealing should necessarily be avoided, as this will damage the polymers, which were added for the improvement of the product, and consequently it will lead to a loss of the guaranteed properties.

b) Requirement to the subsoil

The paving joints to be sealed should be thoroughly blown high-pressure-air or cleaned with a brushing machine if necessary, whereas you have to pay attention to special separation of cleaning and application work. For artificial dry-out or pre-heating of the joints, hot compressed air lances can be used.

The treatment of joints with the primer can generally be omitted. Concerning natural stones with a very dense surface it can be necessary to apply a primer in order to improve the bonding quality. In such cases the primer GusjointT[®]-Primer can be applied. The primer must cover the joint flanks completely by forming the film. Before feeling the joints the applied primer must have dried, i.e. the surface must be touch-dry.

c) Filling of the joints

GusjointT[®]-P can be applied by can or mechanical by the help of an application lance. The joint sealant must have reached the indicated application temperature during pouring work. If the pouring temperature is clearly below the stated temperature, the flow ability of the sealant suffers. The joint sealant may possibly not fill the joints to be poured completely. There is the danger that voids may occur which later can result in sinking of the sealant under rolling traffic.

To prevent a sinking of the rail joint compound the cell filling has always to be stable.

The cooling of the sealant may cause shrinkage dependent on the joint dimensions; a second pouring can be necessary. This second pouring should be made immediately after the first one. The material has to be poured under flushing.

Weather conditions



The prepared joints are only allowed to be sealed at dry weather conditions and at a surface temperature of the building part of 0C°.

Material consumption

GusjointT[®]-P:



Joint length (cm) x joint width (cm) x joint depth (cm) x specific gravity of the sealant (g/cm³) = Consumption (g)

Primer

The consumption of the primer (GusjointT[®]-Primer) is approx. 3% of the sealant amount needed.

Storage



The product has to be stored cold and dry and is storable for at least 12 month.

Form of supply



Silicone coated cartons: 30 kg; 15 kg

Cleaning agent



Equipment

Petrol and commercial solvent

At skin contact

hand washing paste

Authoritative regulations



At the production or the filling of the joints you have to follow among others the following regulations:

ZTV Fug-StB, TL Fug-StB 25.

Technical data



Application temperature:

ca. 170 - 185 °C

Density:

ca. 1,22 g/cm³

Primer:

GusjointT[®]-Primer

Safety informations

Please observe the safety data sheet, this contains important information on the handling, transport and storage of GusjointT[®]-P.