

# GusjoinT®-T85

## Crack Sealing Compound

Polymer modified, bituminous crack sealing compound  
in accordance with TL Fug-StB 25.

### Use

The GusjoinT®-T85 is suitable for the repair of cracks and seams in asphalt and concrete roads, also by using the oversealbanding method.

### Properties

GusjoinT®-T85 fulfils the requirements of "the Technical Delivery Conditions for bituminous joint sealants in traffic areas" (TL Fug-StB) for crack sealants.

## **GusjoinT® - T85** distinguishes itself by the following characteristics:

- good application characteristics at heat and at cold temperatures
- stable at solar radiation
- good bonding at bituminous and mineral subsoil
- 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**

GusjoinT®-T85 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 existing cracks have either to be blown under high pressure with hot air lance (crack - covering - procedure) or milled before (milling - sealing - procedure). For the repair it is important that all possibly existing foreign bodies and loose parts will be removed from the crack area. Through the hot air lance the asphalt of the crack flanks will be warmed and consequently the bitumen activated.

The application of the primer is not necessary when using this method. If necessary, the primer GusjoinT®-Primer, which is especially adapted to this material, has to be used for GusjoinT®-T85.

### c) **Filling of the cracks**

The filling of the cracks take place in accordance with "Hints for the repair of cracks as well of damaged seams and connections in traffic areas made out of asphalt" (HSR). As well at the oversealbanding as at the milling-sealing-procedure the sealant will be applied to the crack area with the help of a slider. Corresponding to the crack configuration different width will be used.

The at the indicated application temperature thin fluid sealant penetrations into the crack and connects with the crack flanks. A part of the crack sealant stays at the surface and covers the crack area overlapping and consequently prevents a separating of the crack sealant from the crack flanks.

## 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



### GusjoinT®-T85:

Crack length (cm) x width of the slider (cm) x hight of the scraper (cm) x density of the crack sealant (g/cm³) = Consumption (g)

### Primer

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

## Storage



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

## Form of supply



**Silicone coated cartons: 27 kg; 13 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.

## Technical data



### Application temperature:

ca. 170 - 185 °C

### Density:

ca. 1,25 g/cm³

### Primer:

GusjoinT®-Primer

## Safety informations

Please observe the safety data sheet, this contains important information on the handling, transport and storage of GusjoinT®-T85.