

GusjoinT®- Edge 70/100

Polymer-modified, bituminous edge sealing compound
manufactured in accordance with the German technical
regulations ZTV Asphalt-StB 07/13

Use

GusjoinT®-Edge grade 70/100 is intended for edge
sealing applications along roadway pavements.
It is also suitable for forming transverse joints
at work stoppages occurring during new construction
and pavement maintenance operations.

Properties

GusjoinT®-Edge 70/100 complies with the
requirements of the German technical regulations ZTV
Asphalt-StB 07/13 for edge sealing applications.

GusjointT® - Edge 70/100

distinguishes itself by the following characteristics:

- Solvent-free formulation, environmentally compatible
- Polymer-modified bitumen ensuring very good service properties in hot and cold conditions
- Ready-to-use consistency
- High productivity during application
- Resistant to water-based solutions, salts and diluted acids
- No primer required

Application instructions

a) Melting

GusjointT®-Edge 70/100 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) Edge and Joint Flanks

The edge and joint surfaces must be largely dry, clean, free from frost, and free from oil and grease. Any contaminants adhering to the flanks of edges or joints must be completely and thoroughly removed.

c) **Sealing of Joints / Edges**

Sealing of edges and joints is carried out mechanically using suitable spraying equipment or a pouring lance. The joint and edge flanks must be fully coated over the entire surface.

The application rate depends on the type of asphalt layer. Over-application must be avoided, as it may lead to local excess binder accumulation in the edge or joint area.

Weather conditions



During the application of GusjoinT®-Edge 70/100, the surface temperature and the ambient temperature must be above 5 °C. Exposure to water and frost must be avoided throughout the entire application process.

Material consumption



**GusjoinT®-Edge
70/100:**

- approx. 4.0 kg/m² on inclined surfaces
- approx. 1.5 kg/m² on horizontal surfaces

Storage



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

Form of supply



Antihaftbeschichtete Kartons: 27 kg; 13 kg.

Cleaning agent



Equipment

Petrol and commercial solvent

At skin contact

hand washing paste

Authoritative regulations



When carrying out edge sealing and the formation of joints using GusjointT® Rand 70/100, the following regulations and guidelines, among others, shall be observed:

- ZTV Asphalt-StB
- TL Sbit-StB

Technical data



Application temperature:

ca. 170 - 185 °C

Density:

ca. 1,19 g/cm³

Safety informations

Please observe the safety data sheet, this contains important information on the handling, transport and storage of GusjointT®-Edge 70/100.