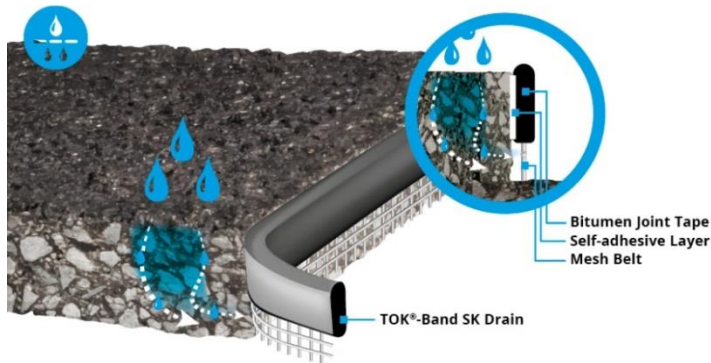


# TOK<sup>®</sup>-Band SK Drain

## Product information



### Special advantages:

Cold processed – no burner required.



Water-permeable.



Fulfils all requirements of ZTV Fug-StB 15.



Processing temperature from +5°C to +50°C (from +41°F to +122°F).

## Self-adhesive bitumen joint tape for joints and connections in porous asphalt road surfaces.

Over the past century, DENSO Group Germany has built a reputation founded on experience, quality and reliability in corrosion prevention and innovative sealing technology. The success of the internationally leading Group is built on an invention that was patented as early as 1927 – "DENSO tape", the world's first product for passive corrosion prevention on pipelines. Since then, DENSO Group Germany has been setting the bar high, guaranteeing the highest standards of quality with pioneering technical products. All research, development and production activity takes place in Germany. Our employees work closely with our customers to create reliable individual solutions that stand the test of time.

### Description

**TOK<sup>®</sup>-Band SK Drain** is a combination of our high-quality bitumen joint tape made from polymer-improved road bitumen with exceptional stretch and adhesion properties, and a water-permeable mesh tape.

**TOK<sup>®</sup>-Band SK Drain** has a homogeneous

adhesive coating on one side of the bitumen tape body, allowing it to be affixed to "cold" joint edges quickly and safely, without the use of a gas burner. A heat-resistant mesh belt is incorporated into the bitumen tape body, which

protrudes approximately 20 mm from the bottom edge of the tape.

**TOK<sup>®</sup>-Band SK Drain** and its associated primer, **TOK<sup>®</sup>-SK Primer**, have been tested in accordance with TL/TP Fug-StB and meet all the requirements of this regulation.

### Usage

**TOK<sup>®</sup>-Band SK Drain** is used to form joints in porous asphalt road surfaces. Thanks to its excellent material properties and the special cross-section – the lower

part of which is water-permeable – a permanent and sealed connection is guaranteed.

In addition, the mesh tape ensures that water drains away easily below the road surface.

## Typical product properties (compound test results in accordance with TL Fug-StB)

Test	Unit	Typical results range	Requirement
Softening point (Ring&Ball method)	°C/°F	> +100 (+212)	> +90 (+194)
Cone penetration	0.1 mm	20-50	20-50
Recovery	%	10-30	10-30
Cold bending behaviour	°C/°F	≤ ±0 (+32)	≤ ±0 (+32)
Dilation and adhesive strength	% / N/mm <sup>2</sup>	≥ 10 / ≤ 1.0	≥ 10 / ≤ 1.0

## Application

### **Weather conditions:**

In accordance with ZTV Fug-StB, bitumen joint tapes may only be applied in dry weather and when the surface temperature of the asphalt is at least +5°C (+41°F).

At temperatures between 0°C and +5°C (+30°F and +41°F), the product may only be applied if additional measures are taken (e.g. preheating of edges).

### **Requirements for connection edges:**

In accordance with ZTV Fug-StB, the following basic requirements apply: Edge surfaces must be solid, even and straight for the successful application of bitumen joint tape.

The connection edges must be bevelled, precision-milled or cut, or assembled using ready-made components.

They must be free of dirt. Rust particles on steel components must be removed. Any residual dirt left adhering to the surface must be removed with a wire brush or compressed air. The edges must be dry.

### **Use of TOK®-Band SK Drain:**

If all of the requirements for connection edges are fully satisfied, the primer TOK®-SK Primer can be applied to the edge.

Once the TOK®-SK Primer has dried, TOK®-Band SK Drain can be applied to the edge.

In summer, the drying time of TOK®-SK Primer is approximately 3–5 minutes, allowing further work to start quickly.

Thanks to its special cross-sectional shape, TOK®-Band SK Drain has two distinct advantages when used in porous asphalt road surfaces:

Firstly, the product creates a professional sealed connection in the upper area, preventing grain breakouts and damage in the connection area.

Secondly, in the lower cross-sectional area (approximately 20 mm), the rain water can continue to drain.

This means that the original purpose and benefits of the porous asphalt coating are retained around the connection, particularly when conservation measures are needed on the surface.

### **Processing:**

TOK®-Band SK Drain is applied to the prepared connection edge with the adhesive layer facing upwards.

The anti-adhesive paper should be removed just before the tape is laid.

Once the TOK®-SK Primer has been applied and is dry, the adhesive side of the laid TOK®-Band SK Drain is pressed onto the connection edge by hand or using a tool.

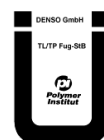
### **ZTV Fug-StB 15 – bitumen joint tapes:**

In accordance with ZTV Fug-StB, bitumen joint tape must be laid with a 5-mm protrusion on rolled asphalt surface layers, so that a so-called "rivet head" is produced when rolling the asphalt. This forms an additional seal on the surface and provides a clean "closure".

In cast asphalt surfaces, the joint tape is laid flush to the edge.

The width of the joint tape must be at least **10 mm**.

In accordance with ZTV Fug-StB and TL Fug-StB, the quality of the material must be monitored by a third party and verified by placing an approval label on the packaging.



## Ordering information and packaging

TOK®-Band SK Drain is supplied on rolls. The rolls are sorted by cross-section size,

separated using silicone paper and delivered in boxes measuring (w x d x h) 370 mm x 370 mm x 160 (or 144) mm.

30 boxes are packed on one euro pallet (800 x 1200 mm).

Profile [HxW]	Article number	m/box	m/pallet
35 x 10**	100 75 051	40,00	1.200
40 x 10	102 02 558	30,00	900
45 x 10	102 02 567	30,00	900
50 x 10	102 02 568	30,00	900
55 x 10	100 72 555	20,00	600

\* Other dimensions on request  
\*\* permeable area 15–20 mm

Profile [HxW]	Article number	m/box	m/pallet
40 x 15	102 02 566	19,50	585
45 x 15	102 02 390	19,50	585
50 x 15	102 02 393	19,50	585

## Storage

Store dry and protected from frost, in normal ambient temperature conditions (ideally 15–20°C/ 59–68°F); do not stack anything on top of the boxes.

In these conditions, TOK®-Band SK Drain can be stored in its sealed original packaging for at least two years from the date of manufacture.

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