

# TOK®-Band SK Mark



## Product information



### Special advantages:

Cold processed – no burner required.



No primer required.



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 with protrusion profiling for joints and seams in asphalt road construction.

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®-Band SK Mark** is a high-quality bitumen joint tape made from polymer-improved road bitumen with exceptional stretch and adhesion properties. **TOK®-Band SK Mark** has a homogeneous full-surface adhesive coating (smooth side) on one side, as well as a protruding "nose" on the top of the same side. This allows the

tape to be affixed to "cold" joint edges quickly, safely, and at exactly the right height, without the use of a gas burner.

**TOK®-Band SK Mark** can be applied without primer to properly prepared edges that are clean, dry and free of dust. The slightly profiled (wavy) side of the bitumen tape is the side without an adhesive

coating. This side will later form the base for the "hot" asphalt mix.

If necessary, the optional primer **TOK®-SK Primer** can be used to boost the adhesion of **TOK®-Band SK Mark** to the joint edge.

### Usage

**TOK®-Band SK Mark** is ideal for sealing joints in asphalt road construction. In accordance with ZTV Fug-StB, it is also used on components such as concrete

curbs and gutters where hot mix is subsequently applied on top.

Thanks to its outstanding material properties, permanent and fully sealed joints are guaranteed.

### Typical product properties (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)
Stretch 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 Mark:

If all of the requirements for connection edges are fully satisfied, TOK®-Band SK

Mark may be applied to the edge without primer.

The relevant test results in accordance with TL/TP Fug-StB are available.

If necessary, you can optimise the adhesion of the bitumen joint tape to the edge by applying TOK®-SK Primer.

In summer, the drying time of TOK®-SK Primer is just 3 to 5 minutes, dependent on weather conditions, allowing further work to start quickly.

The profiled shape of TOK®-Band SK Mark makes it easier to achieve professional results with this joint tape. The tape is laid and almost "hung" along the top of the edge. Thanks to the additional material it provides, the profiled "nose" allows grain breakouts that develop on the edge tops after the rolling procedure to be sealed more effectively. The "rivet head" is therefore constructed to be even more pronounced and robust. In connections that are not rolled, the conventional TOK®-Band SK should be used.

### Application:

TOK®-Band SK Mark is applied to the prepared connection edge with the

adhesive layer (smooth side) facing upwards.

The anti-adhesive paper should be removed just before the tape is laid. The adhesive surface (smooth side) of the laid TOK®-Band SK Mark 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 Mark 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
25x10	100 72 079	36	1.080
30x10	102 02 329	36	1.080
35x10	102 02 330	36	1.080
40x10	102 02 266	27	810
50x10	102 02 299	27	810

\*Other profile cross-sections on request

## 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 Mark can be stored in its sealed original packaging for at least two years from the date of manufacture.

## DENSO GmbH

Felderstrasse 24 | 51371 Leverkusen | Germany  
Phone: +49 214 2602-0 | [info@denso-group.com](mailto:info@denso-group.com)  
[www.denso-group.com](http://www.denso-group.com)

Our product information, application recommendations and other printed publications provide advice to the best of our knowledge and indicate our level of knowledge at the time of printing. The content is not legally binding. Therefore, no liability is assumed for incorrect and missing advice. The applicator is obliged to check the suitability and possibility of application for the intended purpose. Unless otherwise specified, all of the brands named are trademarks of DENSO, at least registered in Germany, which are protected by law.

Only our general terms and conditions of sale, which you will find at [www.denso-group.com](http://www.denso-group.com), apply. This is a translation from the original German product information. In case of any discrepancy or any dispute arising on the interpretation, the German text of the respective German product information, which is available at [www.denso-group.com](http://www.denso-group.com), shall be decisive. The legal relationship shall be governed by German law.

08.2022