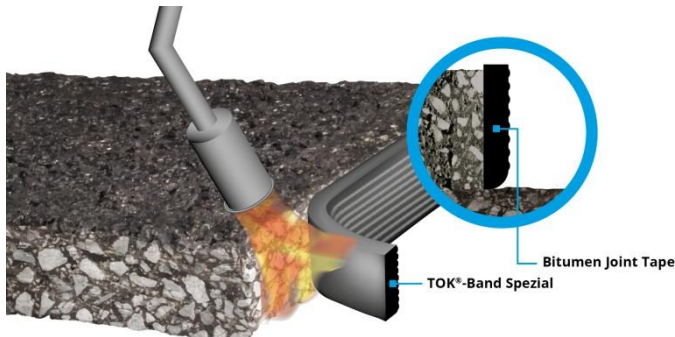


TOK®-Band Spezial



Product information



Special advantages:



Easy to apply with burner.



Fulfils all requirements of ZTV Fug-StB 15.



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

Meltable bitumen joint tape 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 Spezial is a high-quality bitumen joint tape made from polymer-improved road bitumen with exceptional stretch and adhesion properties.

The smooth side of the bitumen joint tape is the side that is melted onto the joint edge.

TOK®-Band Spezial and its primer,

CORRISOL®-Spezial, have been tested in accordance with TL/TP Fug-StB and meet all the requirements of these regulations.

Usage

TOK®-Band Spezial 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 ²	≥ 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 Spezial:

If all of the requirements for connection edges are fully satisfied, **TOK®-Band Spezial** may be applied to the edge. The primer **CORRISOL®-Spezial** must be applied to the joint edge first. In accordance with ZTV Fug-StB, only the primer that has been tested for use in conjunction with this bitumen joint tape may be used. The bitumen-based primer **CORRISOL®-Spezial** was developed specifically for use with **TOK®-Band Spezial**.

In summer, the drying time of the primer is approximately 20 minutes, depending on weather conditions.

Application:

Before application, the joint tape is laid out with the anti-adhesive paper upwards. The anti-adhesive paper should be removed just before the tape is laid.

The smooth side of the meltable **TOK®-Band Spezial** is melted using the gas

burner and then pressed onto the joint edge.

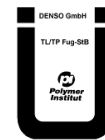
ZTV Fug-StB 15 – bitumen joint tapes:

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 Spezial 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
25 x 8	101 12 514	60	1.800
30 x 8	101 12 515	48	1.440
35 x 8	101 12 516	48	1.440
30 x 10	101 12 519	40	1.200
35 x 10	101 12 520	40	1.200

*on request / minimum purchase 1 unmixed pallet per delivery

Profile [HxW]	Article number	m/box	m/pallet
40 x 8	101 13 416	36	1.080
40 x 10	101 12 521	30	900
45 x 10	101 12 461	30	900
50 x 10	101 21 777	30	900

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 Spezial** can be stored in its sealed original packaging for at least three years from the date of manufacture.

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