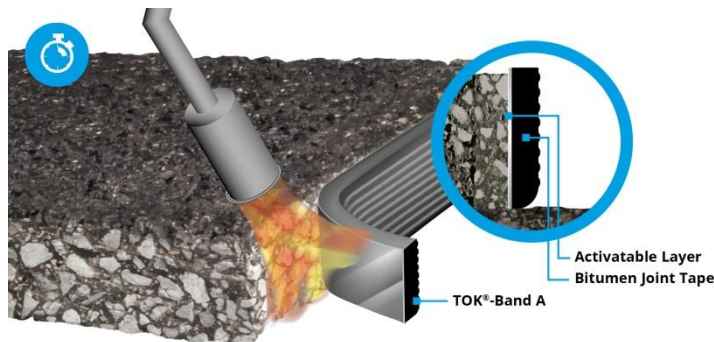


TOK[®]-Band A

Product information



Special advantages:

Can be applied in seconds.



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)

Bitumen joint tape with activation layer 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 A is a high-quality bitumen joint tape made from polymer-improved road bitumen with exceptional stretch and adhesion properties. **TOK[®]-Band A** has a homogeneous full-surface coating on one side, which is largely non-adhesive at temperatures of approximately -20°C to +30°C (-4°F to +86°F). This coating (smooth

side of the bitumen joint tape) can be activated by briefly applying heat, for example using a gas burner. After activation, the coating remains highly adhesive for a long period of time, ensuring that the joint tape securely adheres to the properly prepared edge. There is no need to apply primer.

The slightly profiled (wavy) side of the bitumen tape is the side without the activatable 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 A** to the joint edge.

Usage

TOK[®]-Band A 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 A:

If all of the requirements for connection edges are fully satisfied, **TOK®-Band A** 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 accordance with ZTV Fug-StB, only the primer that has been tested for use in conjunction with this bitumen joint tape may be used.

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.

Application:

TOK®-Band A is applied to the prepared connection edge with the coated (smooth) side facing upwards.

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

The coating (smooth side) of the laid **TOK®-Band A** is then activated using a gas burner. It is sufficient to hold the flame directly over the coating for approximately 1–3 seconds. The activated side of the bitumen joint tape will now remain highly adhesive for a period of time. The length of this period may differ depending on the temperature, and will be shorter at lower

temperatures.

At room temperature, the coating remains active for between 5 and 10 minutes.

Once the coating has been activated, the adhesive side of the tape is immediately pressed securely 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 A 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
30x8	100 88 013	48	1.440
30x10	100 88 014	40	1.200
35x8	100 88 028	48	1.440
35x10	101 88 024	40	1.200
40x8	100 88 015	36	1.080
40x10	100 88 016	30	900

*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 A** can be stored in its sealed original packaging for at least 4 month from the date of manufacture.

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