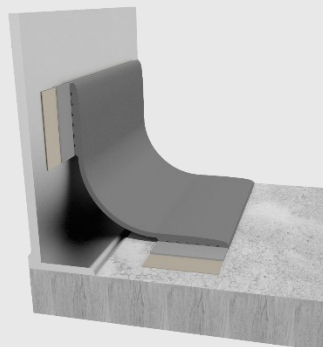




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EUROTEK TK joint tape

Polysulfide joint tape for building construction



PRODUCT DESCRIPTION	EUROTEK TK joint tape is a highly elastic, adhesive joint tape based on polysulfide.
SCOPE	<ul style="list-style-type: none">- Sealing of separation, component, and connection joints between aerated concrete, concrete, stone, artificial stone, plaster, etc. Universal application for all joint types.- meets the highest requirements for joints with expansion, compression and shear movement amplitudes, e.g.:<ul style="list-style-type: none">- Building expansion joints- undersized joints- Joints in heated walls above +40°C- Joints between building materials with significantly different coefficients of thermal expansion- joints subjected to early stress- Joints with structural defects- a particularly suitable solution for repairing defective, non-functional joint seals
PRODUCT FEATURES	<ul style="list-style-type: none">- Cold elasticity down to -60°C- very high UV, weather and aging resistance- high notch and wear resistance- Reserves > 94%- highly elastic- complies with the requirements of IVD leaflet no. 4
COLORS	<ul style="list-style-type: none">- Dusty grey, light grey-beige,- Other colors available upon request
WORK STEPS	<ol style="list-style-type: none">1. Clean the joint edges, remove substances that impair adhesion.2. Reprofiling edge chips if necessary, restoring correct geometry3. Mask off the joint edge4. Insert backer rod or insulation material.



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	<ol style="list-style-type: none">5. Prime bonding surfaces6. Apply adhesive7. Press the joint tape down lightly.8. Smooth the adhesive area at the edges.9. Remove the masking tape
SUBSTRATE PREPARATION	<p>The prerequisites for flawless sealing work are the correct dimensioning of the joint tape and pretreatment of the bonding surfaces. The bonding surfaces must be clean, free of oil and grease, dry and free of any substances that could impair adhesion at the time of bonding.</p> <p>For concrete, the surface must be prepared by grinding, sandblasting, or using a wire brush. For metal, any flaking, rust, and all coatings must be removed by sandblasting or grinding.</p> <p>Does old sealant remain under the newly applied sealant? For joint tapes, contact between the joint tape and the sealant must be prevented by a separating layer, e.g., made of PE film or silicone paper. This is done to prevent unwanted reactions at the contact surface.</p>
BACKFILL	<p>Backfill material only if possible mechanical or other damage resulting from required for the joint background.</p>
PRIMER	<p>The EUROTEK TK joint tape, using the adhesive EUROLASTIC TK 51, EUROLASTIC LM 100 (for widths up to 140 mm) or EUROLASTIC TC 30S (for widths from 160 mm), should only be applied to primed bonding surfaces.</p> <p>Absorbent surfaces: EUROLASTIC Primer B1/U12G</p> <p>Non-absorbent surfaces: EUROLASTIC Primer S 2</p>
PROCESSING	<p>Mask off the outer edges of the bonding surfaces according to the width of the joint tape. Apply primer and adhesive to the bonding surfaces (observe the technical instructions!). Press the grooved sides (adhesive zones) of the joint tape into the adhesive bed. Using a wooden stick is recommended to compensate for unevenness in the substrate. Push off any excess adhesive laterally towards the masking tape, remove the tape, and smooth the exposed adhesive bead with a brush and neutral soap solution. Do not allow the adhesive to enter the free expansion zone of the joint tape. First, lay the joint tapes vertically and, if possible, continuously. The lower end remains open (do not seal with adhesive).</p>

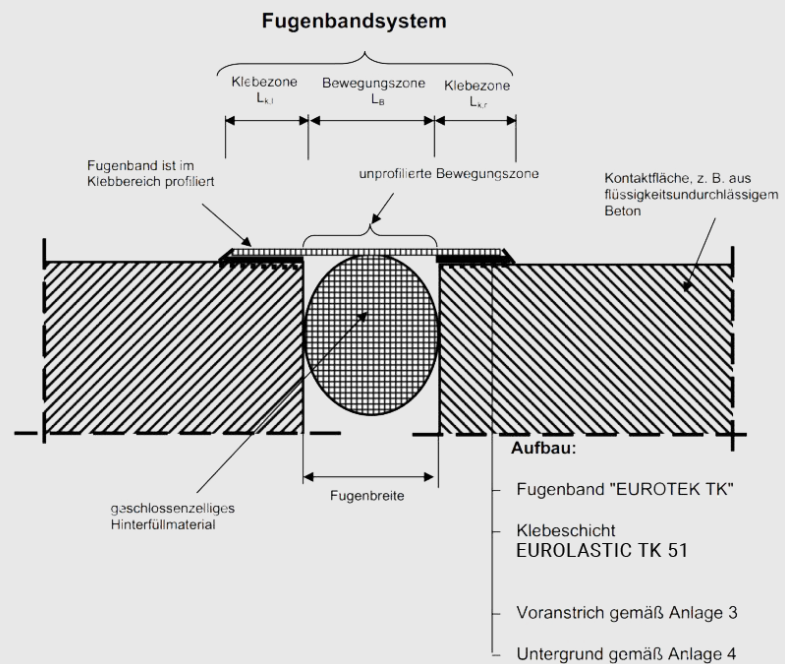


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Butt the horizontal joint tapes against the vertical tapes. Before gluing, the individual tape pieces must first be cut to size, the interleaving paper removed, and the adhesive zones placed on the outside to roll them up again. To prevent sticking together, these cut pieces must be processed within 6 hours (at 23 °C). Unrestricted movement of the components and proper application of the EUROTEK joint tape adhesives must be ensured.

Bonding is carried out using EUROLASTIC TK 51 or EUROLASTIC LM 100 (for strip widths up to 140 mm). Consult a technical advisor before processing strip widths of 160 mm and above. Butt joints are required at longitudinal and T-joints as well as intersections; the 3 to 5 mm wide butt joints must be tightly sealed with adhesive. Before applying the adhesive, a piece of interleaving paper should be inserted behind the free expansion zone of the joint (to prevent three-sided adhesion).

Longitudinal joints must be positioned at least 10 cm outside of T-joints and intersections. The same procedure applies to floor and wall corners. Band joints at inside and outside corners of corners must be mitered to train.



Dimensions of the joint construction or joint sealing system

Characteristics	Dimensions in mm						
bandwidth	40	50	60	80	100	120	140
Band thickness	2.3	2.2	2.5	2.3	2.4	2.5	2.5



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Unprofiled movement zone	21	25	36	47	57	70	81
Minimum width of the adhesive zone	2x 12	2x 12	2x 12	2x 15	2x 22	2x 25	2x 29
Max. open joint width	16	20	31	42	52	65	76

Dimensions of the joint construction or joint sealing system

Characteristics	Dimensions in mm			
bandwidth	160	180	200	250
Band thickness	2.5	2.5	2.9	3.7
Unprofiled movement zone	94	107	120	143
Minimum width of the adhesive zone	2x 33	2x 37	2x 40	2x 50
Max. open joint width	89	102	115	138

CLEANING

The tools can be cleaned with EUROLASTIC Cleaner G from Fresh material can be cleaned. Once reacted, it can only be cleaned mechanically.

CONSUMPTION

1 m/linear meter
Consumption of the adhesive EUROLASTIC TC 30 S/
EUROLASTIC TK 51/EUROLASTIC LM 100:
Multiplying the width of the joint tape to be bonded by a factor of 2 gives the approximate adhesive consumption in ml per linear meter.

PACKAGING

EUROTEK TK joint tape is supplied on 15-meter rolls in widths from 80 to 140 millimeters. From 160 to 250
The millimeter width is supplied on 12-meter rolls.

STORAGE AND SHELF LIFE

Can be stored indefinitely in the original packaging at temperatures up to 35 °C.

EXAMS/

- DIN 18540



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APPROVALS/STANDARDS	- corresponds to IVD information sheet no. 4
SPECIAL INSTRUCTIONS/PROTECTIVE MEASURES	When fully cured, EUROTEK TK joint tape is physiologically harmless. Appropriate protective clothing must be worn during work. Waste and containers must be disposed of safely. Avoid release into the environment. Completely empty containers can be returned to the KBS/Interseroh recycling system.

TECHNICAL DATA *

TECHNICAL SPECIFICATIONS	UNIT	VALUE
Material basis		Polysulfide
density	g/ml	approx. 1.70 +/- 0.05
Object and processing temperatures	°C	min. 5 max. 40
MECHANICAL PROPERTIES	UNIT	VALUE
Shore A hardness		approximately 35
Permissible total deformation	%	50 of the joint width to be bridged
Temperature resistance		
(50% relative humidity, no chemical contamination)	°C	from -60 to +60
Polymer content	%	>35
Tear resistance	N/mm ²	8.0
Tensile stress value at 23°C	N/mm ²	0.4
for 100% elongation at -20°C	N/mm ²	0.6
Reserves	%	approximately 94

*These figures are guidelines only. They are not intended for creating specifications.

The data were obtained at +23°C and 50% relative humidity. Higher temperatures and/or higher relative humidity may shorten or lengthen these times. All technical data, dimensions, and information in this datasheet are based on laboratory tests. Actual measured data may differ in practice.



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