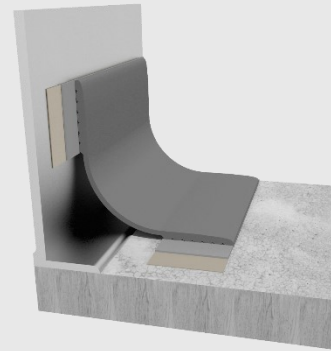




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## EUROTEK TK joint tape for WHG/LAU applications

Building code-approved, elastic joint tape polysulfide-based



<b>PRODUCT DESCRIPTION</b>	EUROTEK TK Joint Tape WHG is a highly chemical-resistant, elastic, adhesive joint tape based on polysulfide.
<b>SCOPE</b>	<ul style="list-style-type: none"><li>- for sealing floor and wall joints with chemical Burden</li><li>- Suitable for use in LAU systems where sealing by filling the joint with sealant is not possible due to the movement parameters, the condition of the contact surfaces or the joint geometry; also suitable for island areas.</li></ul>
<b>PRODUCT FEATURES</b>	<ul style="list-style-type: none"><li>- Cold elasticity down to -40 °C</li><li>- Highly chemical resistant, e.g., against fuels, oils, aviation fuels, de-icing agents, and a variety of other media according to the chemical resistance list.</li><li>- very high UV, weather and aging resistance</li><li>- high notch and wear resistance</li><li>- Reserves &gt; 80%</li><li>- highly elastic</li><li>- approved by building authorities</li><li>-</li></ul>
<b>COLORS</b>	Dark grey
<b>SUBSTRATE PREPARATION</b>	<p>The prerequisites for flawless sealing work are the correct dimensioning of the joint tape and pretreatment of the bonding surfaces.</p> <p>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>
<b>BACKFILL</b>	Joints in horizontal surfaces must be filled up to the top edge of the joint with a suitable material (e.g. closed-cell PE round cord) to prevent the joint tape from sagging.



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### PRIMER

The **EUROTEK WHG/LAU joint tape** is compatible with the adhesive. EUROLASTIC TC 30 S should only be applied to primed bonding surfaces.

Absorbent surfaces:  
EUROLASTIC Primer U 12 G

Non-absorbent surfaces:  
EUROLASTIC Primer S 2

Bare steel and galvanized surfaces:  
EUROLASTIC Primer ZM

### PROCESSING

Installation instructions for the joint tape system

First, the outer edges of the bonding surfaces must be clearly marked according to the width of the joint tape and, if necessary, masked off. The substrate must be professionally prepared, cleaned, and pre-treated with primer according to the manufacturer's instructions (refer to the technical data sheet).

The Eurolastic TC 30 S (grey) joint tape adhesive is then applied in sufficient quantity and evenly to the prepared bonding surfaces in the area of the bonding zones.

The Eurotek TK WHG joint sealing tape is inserted into the fresh adhesive bed and pressed down evenly. It is important to ensure that the adhesive is continuously and completely applied to both sides of the tape. For even pressure, the use of a suitable rubber or plastic roller is recommended; alternatively, a wooden stick can be used to compensate for larger irregularities in the substrate.

The contact pressure should be adjusted so that the joint tape is securely embedded, while still ensuring sufficient adhesive remains underneath the tape. This compensates for roughness and minor irregularities in the substrate. Care must be taken to ensure that no adhesive gets into the free expansion zone of the joint tape.

Excess adhesive is wiped off to the side or removed with a spatula. The remaining adhesive is then applied along the edges of the joint tape to form a uniform fillet bead and smoothed with a brush and a suitable smoothing agent (e.g., neutral soap solution). After smoothing, the masking tape is removed if present. Forming the fillet bead allows for easy visual inspection and ensures a continuous, void-free bond.

The joint sealing strips are preferably laid vertically first and, if possible, continuously. Horizontally running joint sealing strips are then connected to the vertical strips.

Before gluing, the required tape pieces must be cut to size precisely. The interleaving paper must be removed; then the tape pieces are rolled up again with the adhesive sides facing outwards. To prevent unintentional sticking, these cut pieces must be processed within a maximum of 6 hours (at approximately 23 °C).



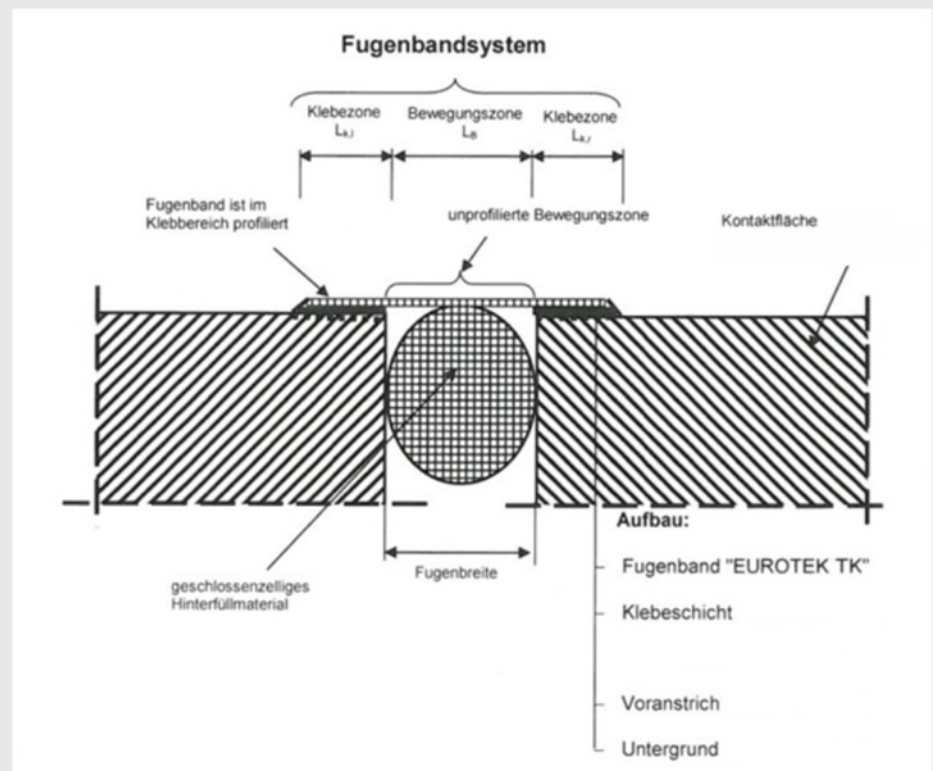
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At longitudinal and T-joints, as well as at intersections, the joint tapes must be butted together. The resulting 3 to 5 mm wide butt joints must be completely and tightly sealed with adhesive. Before applying the adhesive, a strip of interleaving paper should be inserted behind the free expansion zone to prevent three-sided adhesion.

Longitudinal joints must be positioned at a minimum distance of 10 cm from T-joints and intersections. The same procedure applies at floor and wall connections (corners). Band joints at inside and outside corners must be professionally executed as miter cuts.

If there is still old joint sealant beneath the newly applied joint tapes, suitable separating layers (e.g., PE film or silicone paper) must be used to ensure that no direct contact occurs. This prevents undesirable chemical reactions at the contact surfaces.

The installation of the joint sealing system must be carried out in accordance with the applicable general building authority approval (e.g. DIBt).



#### Dimensions of the joint construction or joint sealing system

Characteristics	Dimensions in mm						
bandwidth	80	100	120	140	160	180	200



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Band thickness			2.8				
Unprofiled movement zone	45	60	70	80	95	110	120
Minimum width of the adhesive zone	2x17.5	2x20	2x25	2x30	2x32.5	2x35	2x40
Max. open joint width	40	55	65	75	90	100	115

### Dimensions of the joint construction or joint sealing system

Characteristics	Dimensions in mm	
bandwidth	250	300
Band thickness	3.0	3.5
Unprofiled movement zone	150	180
Minimum width of the adhesive zone	2x50	2x60
Max. open joint width	145	175

#### 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 EUROLASTIC TC 30 S adhesive:  
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 WHG is supplied on 12-meter rolls in widths from 80 to 300 millimeters.

#### STORAGE AND SHELF LIFE

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

#### EXAMS/ APPROVALS/STANDARDS

EUROTEK TK joint tape WHG complies with the general building authority approval granted by the DIBt:  
- Z-74.5-126



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**SPECIAL  
INSTRUCTIONS/PROTECTIVE  
MEASURES**

When fully cured, **EUROTEK TK joint tape** is physiologically harmless according to WHG standards.

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.



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<b>TECHNICAL DATA *</b>		
<b>TECHNICAL SPECIFICATIONS</b>	<b>UNIT</b>	<b>VALUE</b>
Material basis		Polysulfide/Manganese dioxide
density	g/ml	approx. 1.70 +/- 0.05
Object and processing temperatures	°C	min. 5 max. 40
<b>MECHANICAL PROPERTIES</b>	<b>UNIT</b>	<b>VALUE</b>
Shore A hardness		approximately 35
Permissible total deformation	%	50 of the joint width to be bridged
Temperature resistance (50% relative humidity, without chemical exposure)	°C	from -40 to +80
Tensile stress value at 23°C	N/mm <sup>2</sup>	approx. 0.8
Elongation at -20°C	N/mm <sup>2</sup>	approximately 1.2
Reserves	%	min. 75
<b>Chemical resistance</b>		
		See chemical resistance list

\*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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