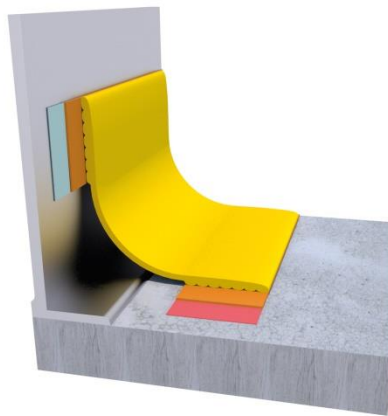


EUROTEK TK joint tape for applications in accordance with the German Water Resources Act (WHG) or for storage, filling and handling facilities for water-polluting substances (LAU) applications

Approved, resilient, polysulphide-based joint tape



- Joint tape: EUROTEK TK Joint tape WHG/LAU
- Adhesive: EUROLASTIC TC 30 S
- Primer: EUROLASTIC Primer ZM
- Primer: EUROLASTIC Primer U 12 G or EUROLASTIC Primer S2

Product description

EUROTEK TK joint tape WHG is a highly chemical resistant, resilient, polysulphide-based joint tape for glued installation

Area of application

- for sealing floor and wall joints exposed to chemicals
- use in storage, filling and handling facilities for water-polluting substances when joints cannot be filled with sealant due to the extent of movement, condition of contact surfaces or joint geometry
- can also be used for areas where three planes meet

Product characteristics

- cold resilient down to -40°C
- high chemical resistance, e.g. to fuels, oils, aircraft fuels, de-icing agents and many more



- media in accordance with the chemical resistance list
- very high UV, weathering and ageing resistance
- excellent resistance to notching and wear
- recovery capability > 80%
- highly resilient
- approved

Colour	Dark grey
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Substrate preparation	<p>To obtain the best sealing results, correct joint tape sizing and pre-treatment of the bonding surfaces is required.</p> <p>At the time of gluing, the bonding surfaces must be clean, free of oil and grease, dry and free of substances that could prevent adhesion.</p> <p>Concrete substrates must be prepared by grinding, sandblasting or wire brushing. Spalling, rust and all coatings on metal must be removed by sandblasting or grinding.</p>
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Backing	<p>Backing material is only required when mechanical or other damage by the joint background is likely.</p>
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Primer	<p>As a basic principle, EUROTEK joint tape WHG may only be applied to primed bonding surfaces using EUROLASTIC TC 30 S adhesive.</p> <p>Absorbent substrates: EUROLASTIC Primer U 12 G</p> <p>Non-absorbent substrates: EUROLASTIC Primer S 2</p> <p>Bare steel and galvanised surfaces: EUROLASTIC Primer ZM</p>
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Handling	<p>Mask the outer edges of the bonding surfaces based on the width of the joint tape. Apply primer and adhesive to the bonding surfaces (pay attention to data sheet!). Press the ribbed sides (adhesive zones) of the joint tape into the bed of adhesive. Use of a wooden stick is recommended to smooth out unevenness in the substrate when pressing in the tape. Push off excess adhesive sideways in the direction of the masking tape, remove the adhesive tape, smooth the bond seam further with a brush and neutral soap solution. The adhesive must not be allowed to enter the open expansion</p>
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zone of the joint tape. Install joint tapes vertically first as continuously as possible.

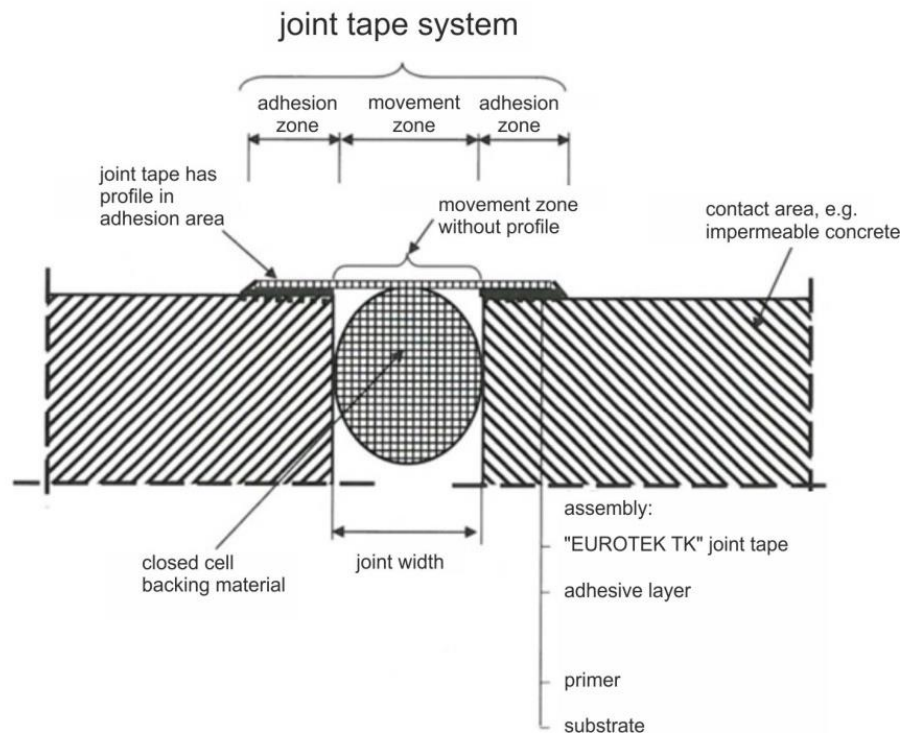
Abut horizontal joint tapes against vertical tapes. Cut the individual tape pieces to size before gluing, remove the backing paper, and roll up again with the adhesive surfaces on the outside.

To avoid them sticking together, these cut pieces must be used within 6 hours (at 23°C).

Longitudinal joints, T joints and intersections must be butt jointed. The 3 to 5 mm wide butt-jointed seams must be tightly sealed with adhesive. A piece of backing paper must be laid behind the free expansion zone of the joint seam before applying adhesive (to avoid three-flank adhesion).

Longitudinal joints must be at least 10 cm from T joints and intersections. A similar procedure is used where two walls and a floor meet. Tape joints must be mitred at internal and external corners where three planes meet.

The joint tape installation must be carried out in accordance with the National Technical Approval of DIBt (German Institute of Building Technology).





Dimensions of joint structure or joint sealant system									
Eigenschaften	Dimensions in mm								
Brandbreite	80	100	120	140	160	200	250	300	
Banddicke	2,8			3,0					3,5
Unprofilierte Bewegungszone	45	60	70	80	95	120	150	180	
Mindestbreite der Klebezone	2x 17,5	2x 20	2x 25	2x 30	2x 32,5	2x 40	2x 50	2x 60	
Max. offene Fugenbreite	40	55	65	75	90	115	145	175	
Consumption	1 m/running m <u>Consumption of adhesive EUROLASTIC TC 30 S:</u> The adhesive consumption in ml per running metre can be obtained by multiplying the joint tape width by the factor 2.								
Cleaning	Fresh material can be removed from the tools with EUROLASTIC Cleaner G. Mechanical cleaning will be required if the material has fully cured.								
Packaging	EUROTEK TK joint tape WHG is delivered in 12-metre rolls in widths from 80 to 300 millimetres.								
Storage and shelf life	In the original packaging, storage life is unlimited at temperatures up to 35°C.								
Tests/ Approvals/Standards	EUROTEK TK joint tape WHG complies with the technical approval granted by DIBt: - Z-74.5-126								
Special instructions/protective measures	Cured EUROTEK TK joint tape WHG is physiologically harmless. Suitable protective clothing must be worn when working. Waste and containers must be disposed of in a safe manner. Avoid release into the environment. Completely empty containers can be returned to the KBS/Interseroh recycling system.								



Technical data*		
Technical properties	Unit	Value
Material basis		Polysulphide/manganese dioxide
Density	g/ml	approx. 1.75
Object and processing temperatures	°C	min. 5 max. 40
Mechanical properties	Unit	Value
Shore A hardness		approx. 35
Approved total deformation	%	50 of the joint width to be bridged
Temperature resistance	°C	from - 40 to + 80
Temperature resistance (without chemical		
Tensile stress at -20°C	N/mm ²	approx. 1.2
Recovery capability	%	min. 75
Tensile stress at +23°C	N/mm ²	approx. 0.8
Chemical resistance		
	see chemical resistance list	

* These are approximate values. The values are not intended for the preparation of specifications.

The data was determined at +23°C and 50% relative humidity. These times may be longer or shorter at higher temperatures and/or relative humidities. All technical data, measurements and information in this data sheet are based on laboratory tests. Actual measured data may deviate in practice.

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