

EUROTEK TK joint tape

Polysulphide joint tape for building construction



- Joint tape: EUROTEK TK joint tape
- Adhesive: to 140 mm width EUROLASTIC TK 51
from 160 mm width EUROLASTIC TC 30 S
- Primer: EUROLASTIC Primer U 12 G
- Separation tape: EUROTAPE (aluminium-laminated)
- Existing defective sealant

Product description

EUROTEK TK joint tape is a highly resilient, polysulphide-based joint tape for affixing

Area of application

- sealing of isolation, building component and connection joints between aerated concrete, concrete, stone, artificial stone, plaster, etc.
 - universal application for all joint types
- fulfils the most stringent demands of joints whose expansion, compression and shear movements exceed 25% of the joint width,
- e.g.:
- building isolation joints
 - undersized joints
 - joints in walls heated above +40°C
 - joints between building materials with significantly varying coefficients of thermal expansion
 - joints subject to early stress
 - joints with engineering design defects
 - eminently suitable for repairing defective, joint sealants that are no longer functional



width of the joint tape. Apply primer and adhesive to the bonding surfaces (pay attention to technical datasheets!). Press the ribbed sides (adhesive surfaces) 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 zone of the joint tape. Install joint tapes vertically first as continuously as possible. Don't adhere the lower end of the joint tape.

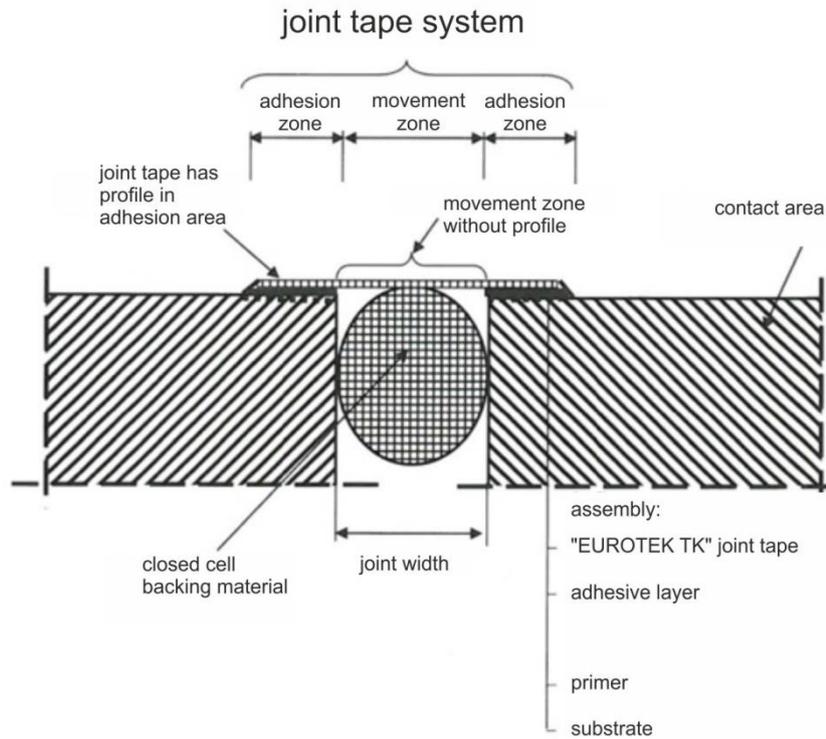
Abut horizontal joint tapes against vertical tapes. Before gluing, cut the individual tape pieces to size first, remove the backing paper and roll up the tape again with the adhesive surfaces on the outside.

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

Unrestrained building component movement and professional application of the EUROTEK joint tape adhesives must be ensured.

EUROLASTIC TK 51 or EUROLASTIC LM 100 is used for bonding (for tape widths up to 140 mm). Obtain technical advice before handling tape widths of 160 mm or more. 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.



Dimensions of Joint Structure or Joint Sealant System							
Properties	Dimensions in mm						
Tape width	25	30	40	50	60	70	80
Tape thickness	2,4	2,4	2,3	2,2	2,5	2,4	2,3
Movement zone without profile	9	12	21	25	36	41	47
Minimum width of adhesion zone	2x 8	2x10	2x 12	2x 12	2x 12	2x14	2x 15
Max. open joint width	4	7	16	20	31	36	42

Dimensions of Joint Structure or Joint Sealant System							
Properties	Dimensions in mm						
Tape width	100	120	140	160	180	200	250
Tape thickness	2,4	2,5	2,5	2,5	2,5	2,9	3,7
Movement zone without profile	57	70	81	94	107	120	143
Minimum width of adhesion zone	2x 22	2x 25	2x 29	2x 33	2x 37	2x 40	2x 50
Max. open joint width	52	65	76	89	102	115	138



Consumption	1 m/running m <u>Consumption of adhesive EUROLASTIC TC 30 S/ EUROLSTIC TK 51/ EUROLASTIC LM 100:</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 is delivered in 15-metre rolls in 80 to 140 millimetre widths. From 160 to 250 millimetre widths are delivered in 12 metre rolls.
Storage and shelf life	In the original packaging, storage life is unlimited at temperatures up to 35°C.
Tests/ Approvals/Standards	- DIN 18540 - Complies with IVD technical bulletin No.4
Special instructions/protective measures	Cured EUROTEX TK joint tape 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
Density	g/ml	approx. 1.70 +/- 0.05
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 (50% relative humidity, without chemical load)	°C	from -60 to +60
Polymer content	%	>35
Tear resistance	N/mm ²	8.0
Tensile stress at 23°C	N/mm ²	0.4
for 100% elongation at -20°C	N/mm ²	0.6
Recovery capability	%	approx. 94
Approved total deformation	%	50



* 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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