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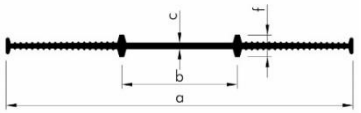
TECHNICAL DATA SHEET

KRASOflex® Construction Joint Tapes according to DIN 18541

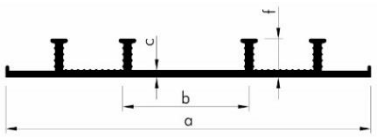
Product description / application area

KRASOflex® Construction Joint Tapes made of thermoplastic synthetic material, internal or external, are used to seal horizontal and vertical construction joints in waterproof concrete structures.
The material properties and the profile geometry of the joint tapes fulfil the requirements of DIN 18541 and may therefore be used in the case of pressing and non-pressing water as well as ground moisture acc. to DIN 18197. Bitumen compatible version available on request.

Profile geometries internal KRASOflex® Joint Tapes A according to DIN 18541 - 1

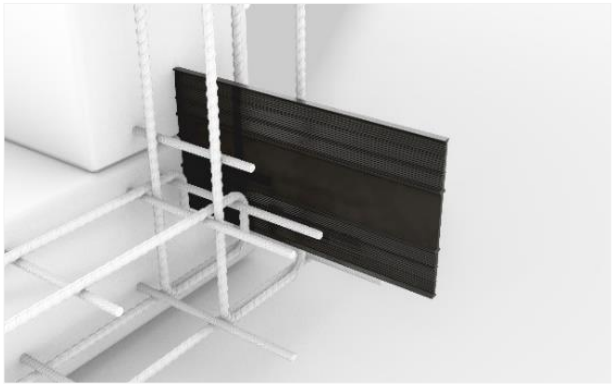
System cross-section (schematic)	Type	a (mm)	b (mm)	c (mm)	f (mm)		(m / roll)
	**A240**	240	80	3.5	15		25
	A320	320	120	4.5	15		25

Profile geometries external KRASOflex® Joint Tapes AA according to DIN 18541 - 1

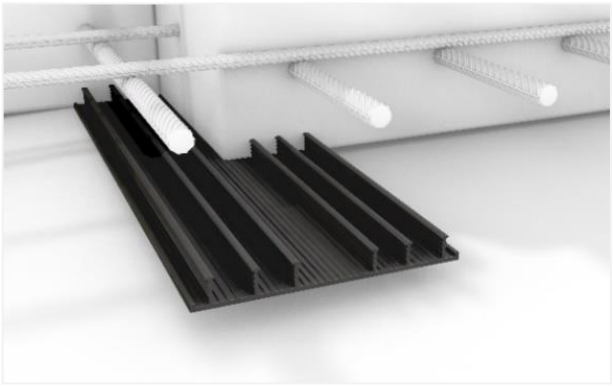
System cross-section (schematic)	Type	a (mm)	b (mm)	c (mm)	f (mm)	Quantity of locking anchors	(m / roll)
	**AA240/20**	240	90	4	20	4	25
	AA240/35	240	90	4	35	4	25
	AA320/25	320	100	4	25	6	25
	AA320/35	320	100	4	35	6	25

Installation situations (schematic)

KRASOflex® Joint Tape A - internal



KRASOflex® Joint Tape AA - external



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KRASOflex® Construction Joint Tapes according to DIN 18541

Guidelines

DIN 18541
DIN 18197
DAfStb waterproof concrete guideline

Material properties according to DIN 18541-2

Characteristics	Specifications	Test specifications
Tensile strength	≥ 10 MPa	DIN EN ISO 527
Breaking elongation	≥ 350 %	DIN EN ISO 527
Low temperature behaviour: elongation at break at -20°C	≥ 200 %	DIN EN ISO 527
Hardness according to Shore A	67 ± 5	DIN EN ISO 868
Resistance to tear propagation	≥ 12 kN/m	DIN ISO 34-1
Behaviour of seam joint in tensile test Short-term joining factor *fz*	≥ 0.6	DIN EN ISO 527
Reaction to fire	Class E	DIN EN 13501-1
Characteristics after storage in bitumen[1]		
Change in the mean values in relation to the initial value		DIN EN 13304 DIN EN ISO 527-2 DIN EN ISO 291
- tensile strength	< 20 %	
- elongation at break	< 20 %	

- [1] for bitumen-compatible joint (BV) tapes

Transport

The joint tape must be loaded and unloaded carefully and secured for transport. After delivery, it must be checked for undamaged condition, correct dimensions and completeness. At high outside temperatures, joint tapes must be transported without tension and then laid out at the installation site.

Storage requirements

The joint tapes must be stored on a transport pallet or a flat base. When stored outdoors, they must be protected from sunlight, ice and snow. Storage rooms should be cool, dry and ventilated. Furthermore, the joint tapes must be protected from heat radiation and artificial light with a high UV content. The joint tapes must always be stored protected from damage and soiling.

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