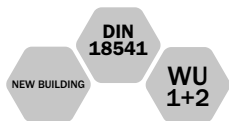


## TECHNICAL DATA SHEET



### KRASOflex<sup>®</sup> Expansion Joint Tape D (DIN 18541)

#### Application area

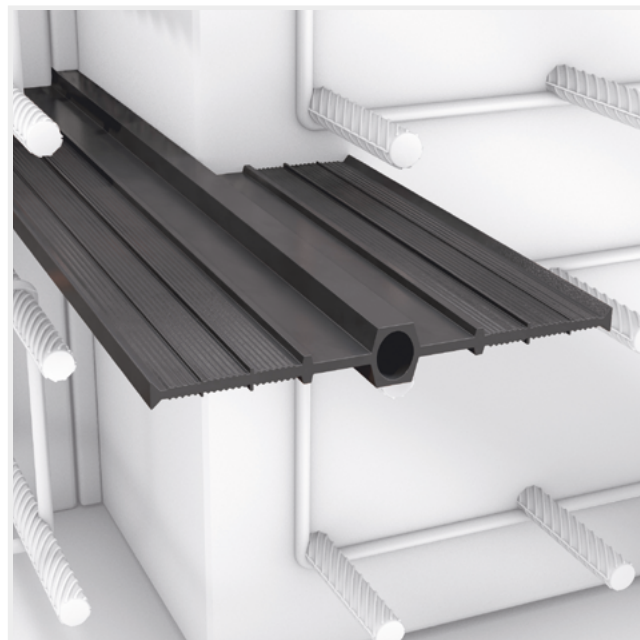
**KRASOflex<sup>®</sup>** internal expansion joint tape D for the sealing of horizontal and vertical expansion joints in waterproof concrete structures.

#### Technical Details

- + Internal
- + The material properties and profile geometries of the joint tapes fulfil the requirements of DIN 18541
- + May be used in the case of pressing and non-pressing water as well as ground moisture acc. to DIN 18197
- + Meets the fire behaviour requirements of class E acc. to DIN EN 13501-1

#### Tests

- + DafStB waterproof concrete guideline: stress class 1 + 2



#### Material

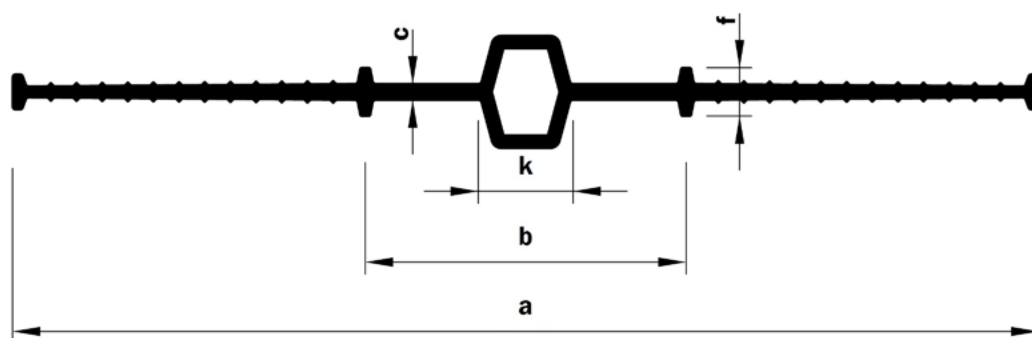
Joint tape

PVC-P

## TECHNICAL DATA SHEET

### KRASOflex<sup>®</sup> Expansion Joint Tape D (DIN 18541)

Technical drawing



**a** = total width | **b** = expansion width | **c** = thickness of the expansion at the thinnest point | **k** = width of the expansion hose | **f** = height of the anchor ribs, measured on both sides

Type	a (mm)	b (mm)	c (mm)	k (mm)	f (mm)	m / roll	Item no.
<b>D 240</b>	240	90	4	20	15	25	KD240D
<b>D 320</b>	320	110	5	20	15	25	KD320D
<b>D 500</b>	500	150	6	20	18	20	KD500D

## TECHNICAL DATA SHEET

### KRASOflex<sup>®</sup> Expansion Joint Tape D (DIN 18541)

#### Material properties

Characteristics	Specifications	Test specifications
General properties	Free from bubbles, cracks and blowholes	DIN 18 541-2 (5.2)
Dimensional accuracy	Acc. to DIN 18541-1	DIN 18 541-2 (5.3)
Tensile strength	≥ 10 MPa	DIN EN ISO 527
Elongation at break	≥ 350 %	DIN EN ISO 527
Cold behaviour: elongation at break at -20 °C	≥ 200 %	DIN EN ISO 527
Shore hardness A	67 ± 5	DIN EN ISO 868
Tear resistance	≥ 12 kN/m	DIN EN ISO 34-1
Behaviour of the joint during the tensile test short-term joining factor fz	≥ 0.6	DIN EN ISO 527
Fire behaviour	Class E	DIN EN 13501-1
Behaviour after storage in bitumen <sup>1</sup> change in the mean values relative to the initial value in each case		DIN EN 13304 DIN EN ISO 527-2 DIN EN ISO 291
- Tensile strength	< 20 %	
- Elongation at break	< 20 %	

• <sup>1</sup>For bitumen-compatible joint tapes (BV)

#### 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 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 waterstops must always be stored protected from damage and soiling.