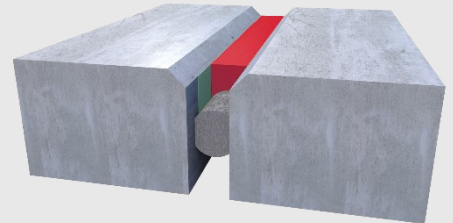


EUROLASTIC TC 30 G grey

2-component polysulphide sealant approved by the building authorities for increased installation depths up to 1.6 times the joint width



PRODUCT DESCRIPTION

EUROLASTIC TC 30 G is a pourable, highly chemical-resistant, elastic 2-component joint sealant based on polysulphide; suitable for processing with 2-component systems

AREA OF APPLICATION

- For indoor and outdoor use
- for LAU facilities, petrol stations, flight operation areas, traffic routes,
- production and storage areas

PRODUCT FEATURES

- Cold elasticity down to -40 °C
- Highly resistant to chemicals, e.g. fuels, oils, aircraft fuel, de-icing fluids and a large number of other Media according to the chemical resistance list
- Very high UV, weathering and ageing resistance
- High notch and wear resistance
- ZGV 25 % , resilience > 90 %
- the sealant can be applied in relation to the joint width from the 0.8 - up to 1.6 times can be installed

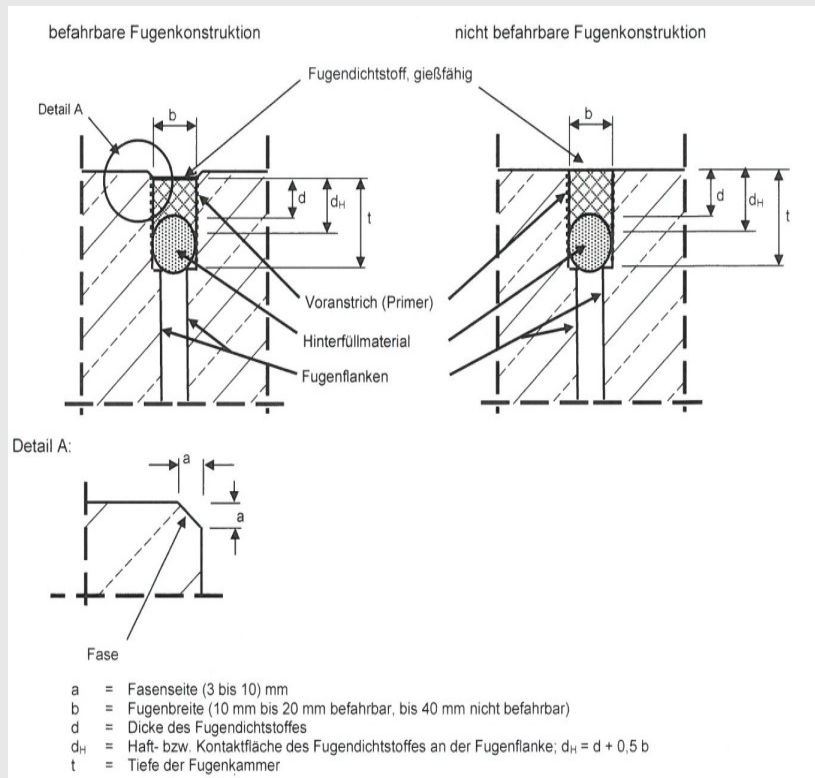
COLOURS

- Grey

SUBSTRATE PREPARATION

- The substrate temperature must be within the range of +5°C to +45 °C and the temperature of the adhesive surfaces at least 3 °C above the prevailing dew point temperature.
No residual adhesions of bituminous sealants, silicones or other sealants that are not polysulphide-based may remain on the joint edges. Furthermore, as part of the substrate preparation, surfaces with adhering cement/sintered skin, moulded surfaces, precast concrete parts, etc. must be pretreated by grinding or cutting using a diamond tool. At the time of grouting, the bonding surfaces must be clean, free of oil and grease, dry and free of substances with a separating effect.

BACKFILLING	The joint space must be tightly and firmly backfilled with closed-cell polyethylene round cord. This must not be damaged when the sealant is applied.
ADVANCE	EUROLASTIC TC 30 G should only be applied to primed bonding surfaces. Absorbent substrates: - EUROLASTIC Primer U12G Non-absorbent substrates: - EUROLASTIC Primer S2 - Bright steel and galvanised surfaces: - EUROLASTIC Primer ZM after curing Application of EUROLASTIC Primer S2 - Further information: see primer matrix
PROCESSING CONDITIONS	- Material temperature for manual processing: - min. +10°C, max. +25°C - Material temperature for machine processing: - min. +10°C, max. +60°C
PROCESSING	EUROLASTIC TC 30 G is supplied in the correct ratio of components A and B. Add the B component completely to the A component and mix thoroughly with a slow-speed agitator at approx. 300 rpm. The mixing process must be carried out for at least 3 - 5 minutes until a homogeneous, streak-free state is achieved. Pour the mixture into a hand-held caulking gun or place the container in a pressurised container with a hose and spray nozzle. When grouting joints, the joint bevel must not be used as a bonding surface. Air bubbles that have formed on the surface after installation can be opened within the processing time of the sealant by lightly brushing over with a dry, soft brush. The joint sealant must be installed in accordance with the CUAP "Joint sealant systems" - see DIBt approval.



Accessible with vehicles with pneumatic tyres

	B	d	d_H
At least.	10	10	15
Max	20	20	30

Accessible by pedestrians

	B	d	d_H
At least.	10	10	15
Max.	40	40	60

CLEANING

The tools can be cleaned with EUROLASTIC Cleaner G from cleaned with fresh material. They can only be cleaned mechanically once they have reacted.

CONSUMPTION	<table><tr><th>Joint width in mm</th><th>Joint depth in mm</th><th>Consumption in ml/m</th></tr><tr><td>10</td><td>10</td><td>approx. 100</td></tr><tr><td>15</td><td>12 - 15</td><td>approx. 180 - 225</td></tr><tr><td>20</td><td>16 - 20</td><td>approx. 320 - 400</td></tr><tr><td>25</td><td>20 - 25</td><td>approx. 500 - 625</td></tr><tr><td>30</td><td>24 - 30</td><td>approx. 720 - 900</td></tr><tr><td>35</td><td>28 - 35</td><td>ca. 980 - 1225</td></tr><tr><td>40</td><td>32 - 40</td><td>ca. 1280 - 1600</td></tr></table>	Joint width in mm	Joint depth in mm	Consumption in ml/m	10	10	approx. 100	15	12 - 15	approx. 180 - 225	20	16 - 20	approx. 320 - 400	25	20 - 25	approx. 500 - 625	30	24 - 30	approx. 720 - 900	35	28 - 35	ca. 980 - 1225	40	32 - 40	ca. 1280 - 1600
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PACKAGING	EUROLASTIC TC 30 G is supplied in 4 litre, 10 litre, 20 litre and 200 litre containers.																								
STORAGE AND SHELF LIFE	Store in cool and dry conditions (+10°C to +25 °C). The shelf life in the unopened and undamaged original container is 12 months under these conditions.																								
EXAMINATIONS/ APPROVALS/STANDARDS	EUROLASTIC TC 30 G complies with the general building authority approval issued by the DIBt: - Z-74.6-128 and the examinations of the: - TL-Fug StB 01/ ZTV-Fug StB 15 DIN EN 14188-2																								
SPECIAL NOTES/PROTECTIVE MEASURES	EUROLASTIC TC 30 G should only be used in well ventilated areas. Suitable protective equipment must be worn during work. Waste and containers must be disposed of in a safe manner. Avoid release into the environment. Empty containers can be returned to the KBS/Interseroh recycling system. The instructions in the corresponding safety data sheet must be strictly observed.																								

TECHNICAL DATA*

TECHNICAL PROPERTIES	UNIT	VALUE
Material base		Polysulphide/manganese dioxide
Polymer Content	%	over 40
Mixing ratio A : B	Gew.-T.	100 : 20
Number of components		2 Component
Density at +23°C	g/cm ³	1.50 to 1.55
Solid volume at +23°C	%	100
Viscosity at +23°C		Pourable
Working time at +23°C/50% r.h.	min	30 - 60
Curing time at +23°C/50% RH.	h	24 - 48
Object and processing temperature	°C	from +5 to +45
Temperature resistance	°C	from -40 to +120

MECHANICAL PROPERTIES	UNIT	VALUE
Shore A hardness		approx. 20
Permissible total deformation	%	25
Elongation stress value at +23°C	N/mm ²	approx. 0.20
Elongation stress value at -20°C	N/mm ²	approx. 0.34
Resilience	%	> 90
CHEMICAL RESISTANCE		
	see chemical resistance list or building authority approval	

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

The data was determined at +23°C and 50% relative humidity. Higher temperatures and/or higher relative humidity can shorten or lengthen these times. All technical data, dimensions and specifications in this data sheet are based on laboratory tests. Actual measured data may deviate in practice.

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