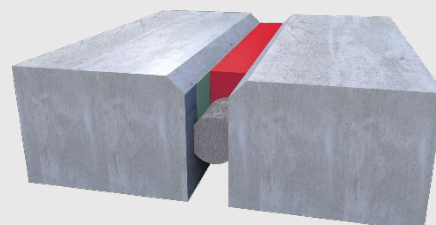


## EUROLASTIC TC 30 G black

2-component polysulphide sealant approved by the building authorities,  
pourable



### 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 %

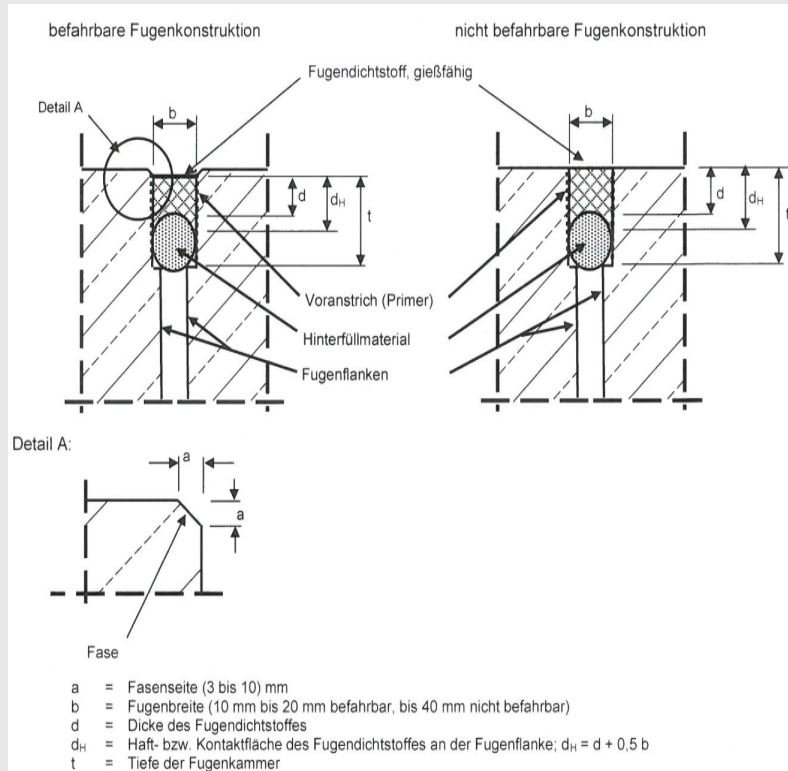
### COLOURS

- black

### 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.

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>BACKFILLING</b>           | <p>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.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ADVANCE</b>               | <p>EUROLASTIC TC 30 G should only be applied to primed bonding surfaces.</p> <p>Absorbent substrates:</p> <ul style="list-style-type: none"> <li>- EUROLASTIC Primer U12G</li> </ul> <p>Non-absorbent substrates:</p> <p>EUROLASTIC Primer S2</p> <ul style="list-style-type: none"> <li>- Bright steel and galvanised surfaces:</li> <li>- EUROLASTIC Primer ZM after curing Application of EUROLASTIC Primer S2</li> <li>- Further information: see primer matrix</li> <li>-</li> </ul>                                                                                                                                                                                                                                                                                                                                                  |
| <b>PROCESSING CONDITIONS</b> | <ul style="list-style-type: none"> <li>- Material temperature for manual processing:</li> <li>- min. +10°C, max. +25°C</li> <li>- Material temperature for machine processing:</li> <li>- min. +10°C, max. +60°C</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>PROCESSING</b>            | <p><b>EUROLASTIC TC 30 G</b> 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.</p> <p>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.</p> |



**Accessible with vehicles  
with pneumatic tyres**

|           | B  | d  | dH |
|-----------|----|----|----|
| At least. | 10 | 10 | 15 |
| Max       | 20 | 20 | 30 |

**Accessible by pedestrians**

|           | B  | d  | dH |
|-----------|----|----|----|
| 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

| 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     |

## 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              |                   | 2Component                     |
| Density at +23°C                  | g/cm <sup>3</sup> | 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 <sup>2</sup>                                           | approx. 0.20 |
| Elongation stress value at -20°C | N/mm <sup>2</sup>                                           | 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.

July 2024/Technical changes and further developments reserved. Any liability based on advertising material is excluded. Advice of any kind, including with regard to any third-party industrial property rights, shall be deemed to be non-binding information only. The customer is solely responsible for the suitability of the goods for the respective intended use. All orders are subject to the seller's/manufacturer's terms and conditions of sale or the manufacture of goods. Reprinting not permitted.