






EUROLASTIC TC 60 G STR

highly chemical-resistant, 2-component polysulphide sealant with a polysulphide content of over 60%, pourable with an approved total deformation of 35%



-  Fugendichtstoff: EUROLASTIC TC 60 G STR
-  Haftgrund: EUROLASTIC Primer U 12 G
-  Hinterfüllmaterial: PE-Rundschnur (geschlossen-zellig)

Product description

EUROLASTIC TC 60 G STR is a pourable, highly chemical-resistant, resilient, 2-component, polysulphide-based joint sealant with over 60% polysulphide content.

Area of application

- for indoor and outdoor use
- for storage, filling and handling facilities for water-polluting substances, filling stations, aircraft movement and road traffic areas, production and storage areas

Product characteristics

- cold resilience down to $-40\text{ }^{\circ}\text{C}$
- high chemical resistance, e.g. to fuels, oils, aircraft fuels, de-icing agents and numerous other media, in accordance with the chemical resistance list
- very high UV, weathering and ageing resistance
- excellent resistance to notching and wear
- approved total deformation 35% , recovery capability $> 80\%$

Colour

Black

Substrate preparation

The substrate temperature must be between $+5\text{ }^{\circ}\text{C}$ and $+35\text{ }^{\circ}\text{C}$, and the temperature of the bonding surfaces must be at least



3°C above the prevailing dew point temperature. At the time of jointing, the bonding surfaces must be clean, free of oil and grease, dry and free of substances that could prevent adhesion.

Backing The joint space must be tightly and firmly backed with round, closed-cell polyethylene cord. The cord must not be damaged during sealant application.

Primer **EUROLASTIC TC 60 G STR** may only be applied to primed bonding surfaces as a basic principle.
Absorbent substrates:
EUROLASTIC Primer U12G
Non-absorbent substrates:
EUROLASTIC Primer S2
Bare steel and galvanised surfaces:
EUROLASTIC Primer ZM (without approval) after curing
EUROLASTIC Primer S2 must be applied.
See primer matrix for further information

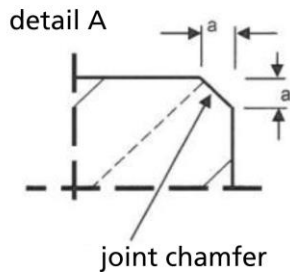
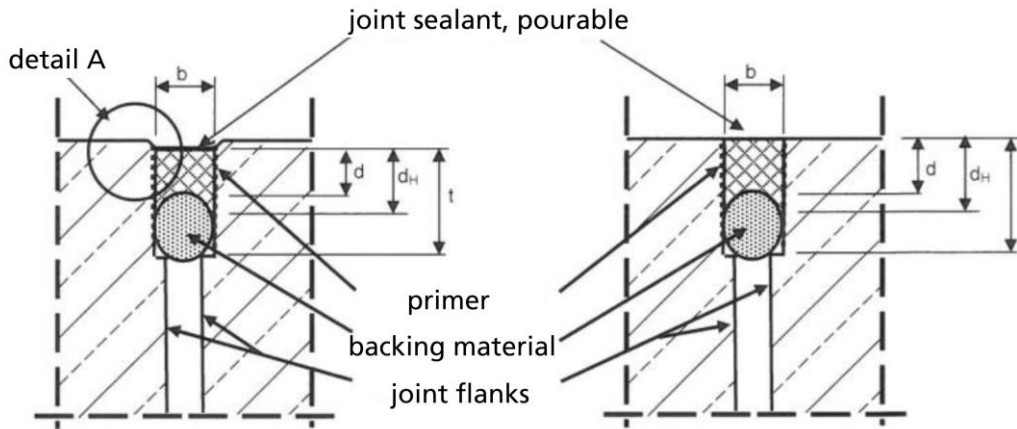
Processing conditions Material temperature for manual application:
min. +10°C, max. +25°C
Material temperature for mechanical application:
min. +10°C, max. +60°C
Ambient temperature between +5°C and +40°C

Handling **EUROLASTIC TC 60 G STR** is supplied with the correct ratio of components A and B. Add all of component B to component A and mix thoroughly with a slow-running stirrer at approx. **300 rpm**. The mixing process must be carried out until a homogeneous, streak-free mixture forms. Do not mix for less than 3-5 minutes.
Fill a hand-held caulking gun with the mixture or place the container in a pressure tank with hose and nozzle. The joint chamfer must not serve as a bonding surface when sealing the joint. Air bubbles that form on the surface following installation can be removed during the sealant processing time by gentle brushing with a dry, soft brush.



trafficable joint assembly

non-trafficable joint assembly



- a = chamfer face (3 to 10 mm)
- b = joint width (10 to 20 mm trafficable, non-trafficable up to 40 mm)
- d = joint sealant thickness
- dH = joint sealant adhesion or contact surface on the joint flank; $dH = d + 0.5 b$
- t = depth of joint slot

Joint Design Dimensions

Trafficable with pneumatic tyre vehicles				Non-trafficable			
	b	d	d _H		b	d	d _H
min.	10	10	15	min.	10	10	15
max.	20	20	30	max.	40	40	60

Cleaning

Fresh material can be removed from the tools with EUROLASTIC Cleaner G. Mechanical cleaning will be required if the material has fully cured.



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	approx. 980 - 1,225
40	32 – 40	approx. 1,280 - 1,600

Packaging

EUROLASTIC TC 60 G STR is delivered in 4 l, 10 l, 20 l and 200 l containers.

Storage and shelf life

Store in a cool, dry place (+10°C to +25°C). Under these conditions, the shelf life of unopened and undamaged original containers is 12 months.

**Tests/
Approvals/Standards**

EUROLASTIC TC 60 G STR complies with DIN 14188-2

Special instructions/protective measures

EUROLASTIC TC 60 G STR may only be processed in well ventilated areas. 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.

The instructions in the corresponding safety data sheet must be strictly observed.



Technical data*

Technical properties	Unit	Value
Material basis		Polysulphide/manganese dioxide
Mixture ratio A: B	Parts by	100: 20
Number of components		2-component
Density at +23°C	g/cm ³	1.50 - 1.55
Solid volume at +23°C	%	100
Viscosity at +23°C		pourable
Processing time at +23°C/50% relative humidity	min	90 - 120
Curing time at +23°C/50% relative humidity	h	24 – 48
Object and processing temperature	°C	from +5 to +35
Temperature resistance	°C	from -40 to +120

Mechanical properties	Unit	Value
Shore A hardness		approx. 28
Approved total deformation	%	35
Tensile stress at +23°C	N/mm ²	approx. 0.30
Tensile stress at -20°C	N/mm ²	approx. 0.40
Recovery capability	%	> 80

* 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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