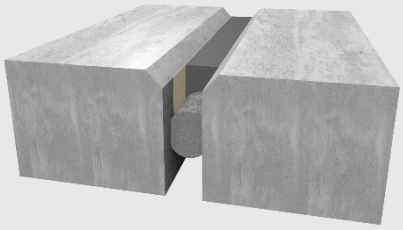
EUROTEAM

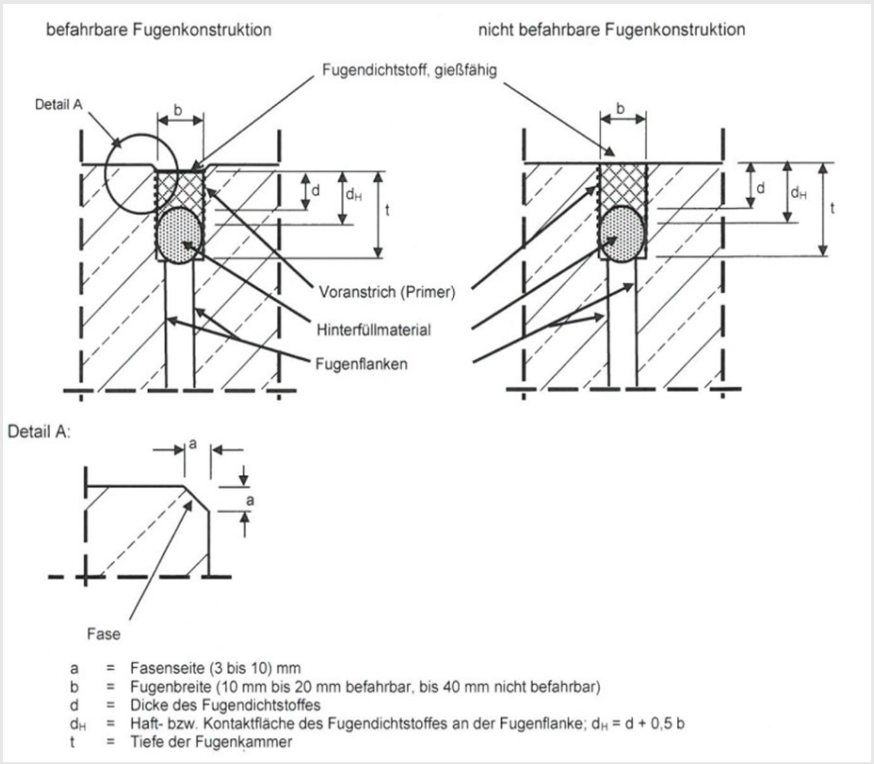
EUROLASTIC TC 20 G black

2-component polysulfide sealant, optimized for plant use, pourable, tested according to TL/TP/ZTV Fug StB 15



PRODUCT DESCRIPTION	EUROLASTIC TC 20 G is a pourable, plant-optimized, chemical-resistant, elastic 2-component joint sealant based on polysulfide.
SCOPE	- especially for road and traffic area construction such as e.g. Highways, airfields, parking areas - for indoor and outdoor use - for pedestrian and vehicular surfaces
PRODUCT FEATURES	- Excellent cold elasticity down to -40°C - resistant to fuels, oils, road salts, De-icing agents and a variety of other media - very high UV, aging and weather resistance - Increased movement intake 35% ZGV
COLORS	- Black
SUBSTRATE PREPARATION	The substrate temperature must be in the range of +5°C until +45 °C and the temperature of the bonding surfaces at least 3 °C above the prevailing dew point temperature. polysulfide-based may remain on the joint flanks. Furthermore, as part of the substrate preparation, surfaces with adhering cement/sinter skin, formwork surfaces, precast concrete elements, etc., must be pretreated by grinding or cutting with a diamond tool. The bonding surfaces must be clean, free of oil and grease, dry, and free of any substances that could impair adhesion at the time of grouting. Optimal cleaning of the joint edges before grouting is achieved using a joint brushing machine with a rotating round braided brush.
BACKFILL	The joint space must be tightly and firmly backfilled with closed-cell polyethylene round cord. This must not be damaged when applying the sealant.
PRIMER/CONTACT MATERIALS	- EUROLASTIC TC 30 G should only be applied to primed bonding surfaces.

	Eurolastic Primer U12G - absorbent substrates: - Concrete, fiber-reinforced concrete, cement-bound repair mortars and concretes (PCC systems) Eurolastic Primer S2- non-absorbent surfaces: - Polymer concrete based on UP resin, epoxy resin-based concrete repair mortar, uncoated and unalloyed steel, alloyed steel (stainless steel) with primer ZM coated surfaces Eurolastic Primer ZM - Corrosion protection primer: - KTL-coated steel, unprotected steel, unalloyed steel, After the Primer ZM has cured, the EUROLASTIC Primer S2 must be applied.
PROCESSING CONDITIONS	Material temperature during manual processing: min. +10°C, max. +25°C Material temperature during machine processing: min. +10°C, max. +60°C
PROCESSING	EUROLASTIC TC 20 G is supplied with components A and B in the correct ratio. Add the B component completely to the A component and mix thoroughly with a slow-running agitator at approximately 300 rpm. The mixing process must continue for at least 3–5 minutes until a homogeneous, streak-free mixture is achieved. For manual application, the mixture is filled into a hand-held caulking gun or the contents of the containers are placed in a pressure vessel with a hose and nozzle. When sealing joints, the joint chamfer must not serve as an adhesion surface. Air bubbles that have formed on the surface after installation can be opened within the sealant's working time by lightly brushing them with a dry, soft brush. At a mixing ratio of 100:20 by weight, both manual application and processing with a two-component (2K) system are possible. At a mixing ratio of 1:1 by volume, processing with a two-component (2K) system is recommended exclusively.
CLEANING	The tools can be cleaned with EUROLASTIC Cleaner G from Fresh material can be cleaned. Once reacted, it can only be cleaned mechanically.



Accessible with vehicles with pneumatic tires			
	b	d	dH
minimum.	10	10	15
max.	b	d	dH

Accessible by pedestrians			
	b	d	dH
minimum.	10	10	15
max.	40	40	60

CONSUMPTION

Joint width in mm	Joint depth in mm	consumption in ml/m
10	10	approximately 100
15	12 - 15	approx. 180 - 225
20	16 - 20	approximately 320 - 400
25	20 - 25	approximately 500 - 625
30	24 - 30	approximately 720 - 900
35	28 - 35	ca. 980 - 1225
40	32 - 40	ca. 1280 - 1600

PACKAGING

EUROLASTIC TC 20 G is supplied in 4 L, 10 L, 20 L and 200 L containers.

STORAGE AND SHELF LIFE	Store in a cool, dry place (between +10°C and +25°C). Under these conditions, the shelf life in the unopened and undamaged original container is 12 months.
EXAMS/ APPROVALS/STANDARDS	- TL/TP/ZTV Fug- StB 15 - DIN EN 14188-2 - Tested according to US FED SPEC SS-S-200E - Tested according to ASTM C920
SPECIAL INSTRUCTIONS/PROTECTIVE MEASURES	EUROLASTIC TC 20 G should only be processed in well-ventilated areas. Suitable protective clothing must be worn during work. Waste and containers must be disposed of safely. Avoid release to 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.

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Technical data*

Mechanical Characteristics	Unit	Value
Shore A hardness		approximately 26
Permissible total deformation	%	35
Tensile stress value at +23°C	N/mm²	approximately 0.19
Tensile stress value at -20°C	N/mm²	approximately 0.32
Reserves	%	> 85
Technical specifications	Unit	Value
Material basis		Polysulfide/Manganese dioxide
Variant 100:20 Mixing ratio A : B	Weight.-T.	100 : 20
Variant 1:1 Mixing ratio A : B	Volume shares	1:1
Number of components		2-component
Density at +23°C	g/cm3	from 1.49 to 1.53
Solid volume at +23°C	%	100
Viscosity at +23°C		pourable
Processing time at +23°C/50% RH.	min	30 to 60
time at +23°C/50% r.l.h.	h	15 to 24
Object and processing temperature	°C	from +5 to +35
Temperature resistance	°C	from -40 to +120
Chemical resistance		**Chemical resistance**
		see Chemical resistance list

*These figures are guidelines only. They are not intended for creating specifications.
The data were obtained at +23°C and 50% relative humidity. Higher temperatures and/or higher relative humidity may shorten or lengthen these times. All technical data, dimensions, and information in this datasheet are based on laboratory tests. Actual measured data may differ in practice.