EUROTEX TC 97 adhesive

2-component adhesive for the EUROTEX system

Product description	**EUROTEX TC 97 adhesive** is a brushable and spreadable polysulphide-based 2-component adhesive for the EUROTEX system.
Area of application	- for gluing EUROTEX sheets of non-woven material to each - other for gluing to the substrate in storage, filling and handling - facilities for water-polluting liquids when repairing the EUROTEX system
Product characteristics	- resilient - resistant to numerous media as part of system in accordance with the German Water Resources Act (WHG) test groups 1-5b, 7–7b, 9, 11 and 12 (for up to at least 72 h)
Colour	Grey
Substrate preparation	The substrate temperature must be between +5°C and +35°C, and the temperature of the bonding surfaces must be at least 3°C above the prevailing dew point temperature. At the time of gluing, the bonding surfaces must be clean, free of oil and grease, dry and free of substances that could prevent adhesion. In addition, concrete substrates must have the following characteristics: concrete quality not less than C 12/15 + C 16/20, no water pressure from behind, level, free of sharp edges, ridges and offsets or cracks exceeding 1.5 mm. In addition, the sections in the EUROTEX system guidelines dealing with the requirements that must be met by the substrate before the adhesive is applied must be observed.
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.

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Primer	**EUROTEX TC 97 adhesive** 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 / galvanised surfaces: EUROLASTIC Primer ZM
Handling	**EUROTEX TC 97 adhesive** is supplied with the correct ratio of components A and B. Add all of component B to component A. Completely empty the component B container. Both components must be thoroughly mixed with a slow-running stirrer at approx. 300 rpm to ensure homogeneous consistency and intensive mixing. Make sure the contents at the bottom and sides of the mixing container are included. The mixing process must be carried out until a homogeneous, streak-free mixture forms. Do not mix for less than 3 minutes. Do not work directly from the delivery container. After thorough mixing, pour the mixture into a second, clean container and mix again for approx. 1 minute. The temperature of both components must be between+ 15°C and + 25 °C during the mixing process. The adhesive is applied to the prepared substrate in bands using a brush or spatula. Consumption must not be less than 2 l/m² of adhesive area in order to ensure sound adhesion and tight embedding of the non-woven material sheets. The minimum width of adhesive bands is 10 cm. Their spacing and positioning depend on the mounting position of the non-woven material. In addition to the ambient temperature, the substrate temperature is of vital importance in the handling of polysulphide sealants and adhesives. At low temperatures, the chemical reactions basically slow down; this also extends the processing, re-coating and walk-on times.

	At the same time, consumption per unit of area may increase due to increased viscosity. At high temperatures, the chemical reactions accelerate, so the times referred to above become shorter. For complete curing of **EUROTEX TC 97 adhesive**, the average temperature of the substrate must not be lower than the lowest processing or object temperature. The material must be directly exposed to water for approximately 6 hours (at 20 °C) after application. During this period, water can negatively affect the surface which can significantly reduce the adhesion performance during subsequent coating. The handling guidelines for the EUROTEX system also apply.
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	approx. 2.0 l/m² of bonding surface
Packaging	**EUROTEX TC 97 adhesive** is delivered in 4 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	- EU regulation 2004/42 (Deco Paint Directive) The product complies with EU Directive 2004/42/EG and contains less than the maximum VOC limit (version 2, 2010). According to EU Directive 2004/42, this upper limit for products in category IIA/j type sb is 500 g/l (limit: version 2, 2010). The VOC content of **EUROTEX TC 97 adhesive** is < 500 g/l (workable material).
Special instructions/protective measures	**EUROTEX TC 97 adhesive** must 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. Cured **EUROTEX TC 97 adhesive** is physiologically harmless. The instructions in the corresponding safety data sheet must be strictly observed.

Technical data*		
Technical properties	**Unit**	**Value**
Mixture ratio A: B	Parts by weight	100: 11
Binder basis		Polysulphide
Curing system		Manganese
Density	g/ml	approx. 1.74
Viscosity	mPa s	9,000 - 12,000
Processing time at 23°C/50% relative humidity	min	30
Curing at 23°C/50% relative humidity.	h	at least 4
Object and	°C	at least 5
processing temperature	°C	max. 35
After curing*		
Shore A hardness at 23°C		approx. 40
Temperature resistance (without chemical load)	°C	from -20 to +50

* 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.