



EUROLASTIC TK 51

1-component polysulphide adhesive

Product description

EUROLASTIC TK 51 is a 1-component adhesive for gluing EUROTEK TK joint tape to the respective substrate and creation of horizontal and vertical joints, intersections and connection points.

Attention: 1-component adhesive is only recommended for a tape width up to 140 mm.

Area of application

- for indoor and outdoor areas on smooth and porous substrates
- joints in building construction
- adhesive for EUROTEK TK joint tapes

Product characteristics

- resilient
- weathering and ageing resistant

Colours

Dusty grey, light grey beige,
additional colours upon request

Substrate preparation

To obtain the best sealing results, correct joint sizing and pre-treatment of the bonding surfaces is required.

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.

Masonry, concrete and brick surfaces must be prepared by grinding, sandblasting or wire brushing. Spalling, rust and all coatings on metal must be removed.

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**

Absorbent substrates:

EUROLASTIC Primer B1

Non-absorbent substrates:

EUROLASTIC Primer S2

Preliminary tests should be carried out with all plastics, artificial or natural stone and powder-coated, anodised surfaces. (See technical bulletins/data for primer!)

Processing conditions

Material temperature at least +10°C, max. +30°C. Substrate temperature between +5°C and +40°C. Ambient temperature between +5°C and +40°C.

The dew point must be taken into account!

An appropriate joint tape width must be used for the joint gap and/or geometry. The substrate contact surfaces must be solid, clean, dry and grease-free.

Handling

Apply the adhesive to the bonding surface of the joint tapes ensuring full-surface contact using a suitable hand-held caulking gun.

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

The adhesive consumption in ml per running metre can be obtained by multiplying the joint tape width by the factor 2.

Packaging

EUROLASTIC TK 51 is delivered in 600 ml tubular bags (20 units per carton)

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 6 months.

**Tests/
Approvals/Standards**

Works test certificate

**Special
instructions/protective
measures**

EUROLASTIC TK 51 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/mechanical properties	Unit	Value
Curing system		Sodium perborate
Density	g/cm ³	approx. 1.6
Skin formation time at 23°C/50% relative	min	30 or more
Curing time at 23°C/50% relative humidity.	mm/day	approx. 0.5
Building component temperature	°C	min. 5 max. 40
Approved total deformation	%	max. 10
Temperature resistance (50% relative humidity)	°C	from -60 to +60
Shore A hardness		approx. 30

*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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