EUROLASTIC TK 51

1-component polysulfide adhesive

PRODUCT DESCRIPTION	EUROLASTIC TK 51 is a 1-component adhesive for bonding EUROTEK TK joint tapes to the respective substrate and for forming horizontal and vertical joints, intersections and connection points. 1-component adhesive for joint tape widths up to max. 140 mm. (for joint tape widths of 140-300 mm, the 2K adhesive is used) Eurolastic TC 30 s grey (used)
SCOPE	- Polysulfide-based joint tape adhesive for EUROTEK TK joint tapes for - indoor and outdoor use on smooth and porous substrates in building construction.
PRODUCT FEATURES	- elastic - weather and age resistant - high UV stability
COLORS	Dusty grey, light grey-beige, Other colors available upon request
SUBSTRATE PREPARATION	Proper joint dimensioning and pretreatment of the bonding surfaces are prerequisites for flawless sealing work. 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 bonding. For masonry, concrete, and brick, the surface must be prepared by grinding, sandblasting, or using a wire brush. For metal, any flaking, rust, and all coatings must be removed.
BACKFILL	The joint space must be tightly and firmly backfilled flush with the surface using closed-cell polyethylene round cord to prevent the joint tape from sagging into the joint gap in the case of horizontal joints.
primer	absorbent substrates: EUROLASTIC Primer B1 non-absorbent substrates: EUROLASTIC Primer S2 Preliminary tests on all plastics, artificial and natural stone, as well as powder-coated, anodized, or galvanized surfaces. (See data sheets/technical data for primers!)

PROCESSING CONDITIONS	Material temperature: min. +10°C, max. +30°C. Substrate temperature: between +5°C and +40°C. Ambient temperature: between +5°C and +40°C. Component temperature at least +3°C above dew point temperature The joint tape widths must correspond to the joint spacing or joint geometry. The substrate contact surfaces must be firm, clean, dry, and free of grease.
PROCESSING	Apply the adhesive to the component in the area of the adhesive zone for the joint tapes using a suitable hand-held caulking gun with full-surface contact.
CLEANING	The tools can be cleaned with EUROLASTIC Cleaner G from Fresh material can be cleaned. Once reacted, it can only be cleaned mechanically.
CONSUMPTION	Multiplying the width of the joint tape to be glued by a factor of 2 gives the approximate adhesive consumption in ml per linear meter of finished joint tape. Consumption levels can vary significantly due to high surface roughness in the subsoil.
PACKAGING	EUROLASTIC TK 51 is supplied in 600 ml pouches (20 pieces per carton)
STORAGE AND SHELF LIFE	Store in a cool, dry place (min. +10°C to max. +25°C). Under these conditions, the shelf life in the unopened and undamaged original container is [insert shelf life here]. 12 months.
EXAMS/ APPROVALS/STANDARDS	Factory test certificate
SPECIAL INSTRUCTIONS/PROTECTIVE MEASURES	EUROLASTIC TK 51 - Waste and containers must be disposed of safely. 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 SPECIFICATIONS	UNIT	VALUE
hardening system		Sodium perborate
density	g/cm3	approximately 1.6
Skin formation time at 23 °C/50% rH	min	from 30
Curing time at 23 °C/50% rH	mm/d	approximately 0.5
Component temperature	°C	min. 5 max. 40
Permissible total deformation	%	max. 10
Temperature resistance (50% rh without chemical stress)	°C	from -60 to +60
Shore A hardness		approximately 30

*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.