

TI 602K

Technical Information Surface Protection Linings
Issue 22.10.2020

KERATEX ADHESIVE

Red adhesive for pre-vulcanized rubber linings with an extremely large time frame for de-aeration

Material Group

On-site rubber lining

Description and use

The KERATEX Adhesive for rubber linings has an extremely large time for de-aeration for further processing, which enables high flexibility and safety on the construction site.

It can replace BS KLEBER and KERABOND KLEBER and is suitable for the following rubber coatings:

KERAPREN VB, KERAFLON

KERABUTYL-Series: BS, BB-S V, S, V, V3, VC, WBC

VULCOFERRAN-Series: 2206 MV, A 45 V

Properties

- high bond strength even at high operating temperatures
- temperature resistant up to approx. 100 °C
- large time frame for further processing

Packaging / Shelf life

All components must be stored and transported dry. Unless otherwise specified, the minimum shelf life applies to a storage temperature of 20 °C. Higher temperatures reduce, lower temperatures increase the minimum shelf life. The use of refrigerated containers should be considered on a project-by-project basis, especially when components are to be stored at temperatures below 20 °C in order to extend their shelf life. Keep the containers tightly closed (especially after material removal).

Component	Item number	Package	Content	Shelf life
Keratex-Solution	5040341014	Hobbock	22 kg	12 Months
Keratex-Accelerator	5040342026	Drum	2 kg	12 Months
Keratex-Hardener E	5040025047	Bottle	0.75 kg	12 Months

For handling, transport and storage observe the relevant material safety data sheets.

Mixing Ratio / Consumption

Keratex Adhesive

Component	kg/m ²	Part by weight	kg / batch	l / batch
Keratex-Solution	0.178	1.000	22.000**	25.000
Keratex-Accelerator	0.016	0.090	2.000**	1.500
Keratex-Hardener E	0.006	0.035	0.750**	0.750
Total	0.200		24.750	

Consumption in kg/m² (approx.): 4 x 0.200 Work steps: 4
Batch yields in m² (approx.): 123.8

Pot Life

Pot life depends on temperature:

Temperature	Keratex Adhesive
15 °C	160 min.
20 °C	120 min.
30 °C	55 min.

Waiting Times

	Substrate	Temperature (°C)	Min.	Max.
1. application	Steel	10–30	60 min.	5 days
2. application	Steel	10–30	30 min.	16 h
1. application	Rubber	10–30	60 min.	4 weeks
2. application	Rubber	10–30	30 min.	7 days

Safety and Disposal

- sufficient aeration and de-aeration (especially in tanks and pits)
- no smoking/no fire
- refer to the safety data sheets.
- observe hazard warnings and safety instructions on labels.
- wear required personal protective equipment (avoid skin contact with materials).
- clean and protect hands with skin protective soap and skin protection cream (no solvents).
- wear a dust mask when grinding (e.g. for repairs).
- instructions as per § 14 of GefahrstoffV (Toxic Substances Act) and TRGS 507 (Technical regulations for Hazardous Substances - Germany).
- accident prevention regulations by the Liability Insurance Association for the Chemical Industries (Germany).

Do not expose materials to heat or open flame, this applies in particular to welding works (weld beads).

Preferably consume residual quantities. Do not pour into a spout or dustbin! Collect separately for disposal in durable, lockable and labeled containers.

All information contained in this Technical Information is based on the present state of our knowledge and practical experience. All data are approximate values for guidance only. A legally binding warranty of certain characteristics or the suitability for a certain purpose of use cannot be derived from this.

The information given in this Technical Information is our intellectual property. The Technical Information may neither be copied nor used by unauthorized parties, nor professionally distributed or otherwise made accessible to third parties without our prior consent.

This issue replaces all previous versions.