

PRODUCT INFORMATION

CEMENT TC 5002 (BIIR)

Fields of application

CEMENT TC 5002 is based on a co-polymerised bromobutyl rubber and exclusively used for bonding of our un-vulcanised lining material **CHEMOLINE RT**.

CEMENT TC 5002 bonding system has to be used together with the special priming system **PRIMER HG 1** and **PRIMER HG 2**.

The adhesion to steel is achieved by autoclave vulcanisation with hot air or steam. In specific cases the media can be used for the vulcanisation. Please consult TIP TOP in case of necessity.

Product Description

Polymer basis:	bromobutyl rubber (BIIR)
Solvent:	toluene
Colour:	black
Specific weight:	0.92 g/cm ³
Classification:	highly flammable, harmful

Product Advantages

- Long contact life and pot life
- Very good tack
- Good workability
- High initial adhesive strength
- Economical consumption
- Good bonding strength
- Thermal stability (up to max. 120 °C)
- Excellent chemical resistance

Preparation

CEMENT TC 5002 has thixotropic properties and must be stirred thoroughly (minimum 5 minutes) before applying.

Drying Time)*

1 st Coat onto steel	minimum 2 hours maximum 7 days
2 nd Coat onto steel	minimum 2 hour maximum 8 hours
1 st Coat onto rubber sheet	minimum 1 hour maximum 1 ½ hours

* The contact life naturally always depends on climate and environmental influences such as ambient temperature, air humidity, ventilation etc. Therefore the times indicated are to be understood as guidelines only, the ideal time must be determined locally considering the corresponding climatic conditions.

Number of Coats with CEMENT TC 5002

Onto steel	2 coats
onto rubber	1 coat

Consumption per m² (for one coat)

Onto steel	200 g
onto rubber	200 g

Limits for the application of materials

Temperature range:	+ 10 °C to + 35 °C
Maximum relative humidity:	80 %

Shelf Life

6 month at 25 °C or 1 year at 5 °C when stored in unopened original containers. The conditions specified within DIN standard 7716 must be observed.

Available Packing Units

Description	Content	Product-No.
CEMENT TC 5002	9 kg	525 2810
CEMENT TC 5002	23 kg	525 2790
CEMENT TC 5002	200 l	525 2800

This data sheet is for informational purposes only. All data provided herein is based on in-depth research and testing, however no liability whatsoever can be assumed. Since we are constantly endeavouring to up-date and improve our products, we recommend noting the index and issue date indicated on this data sheet and to inquire as to whether any properties have changed in the interim. This Product Information Sheet replaces all prior issues. Please contact our Technical Consultant for detailed information in case of ambiguities.

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