

## PRODUCT INFORMATION

### CHEMOKITT L

#### Application Example

**CHEMOKITT L** is an electrically conductive, reaction hardening, solvent-free two-component synthetic resin compound, which is trowel-applied as smoothing filler for the repair/refurbishing of concrete and steel component surfaces. **CHEMOKITT L** is supplied in 2 components A + B. These components must be mixed together according to the instructions provided just prior to use.

#### Distinctive Product Advantages

**CHEMOKITT L** is recommended for use in the repair/refurbishing of concrete and steel surfaces, to level out and smooth over irregularities in the surface such as grooves, cavities and cracks.

- High voltage spark tests may be carried out on rubber lined concrete components to determine whether they are pore and crack-free in accordance with EN 14879-4.
- Outstanding adhesive strength to concrete and steel
- Solvent-free
- Excellent workability

#### Processing Instructions

Application must be carried out at an ambient temperature of + 15 °C to + 30 °C. At lower temperatures **CHEMOKITT L** will harden very slowly, or the hardening could possibly remain incomplete.

#### Substrate Preparation

##### a) Concrete components

The surfaces to be treated with **CHEMOKITT L** must be dry, clean, and free of oils and fat as well as chemicals. The residual moisture of the concrete at a depth of 20 mm must not be greater than 4 %. Cement laitance, brittle or loose particles as well as form release agents must be removed by means of grit blasting. The concrete surface must have a wood cut roughness prior to application of the filler paste.

##### b) Steel Components

The surfaces to be treated with **CHEMOKITT L** must be dry, clean, and free of oils and fat as well as chemicals. The surfaces to be treated must be cleaned to white metal with a rough grinding disk (24-granulation). Steel surfaces that have been thoroughly cleaned by grit blasting will provide better adhesion. A standard cleanliness grade of at least SA 2.5 in accordance with EN ISO 12944-4 is recommended, the profile must be at least 60 µm.

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## **Mixing**

Immediately prior to use, mix equal parts by weight of the components A and B together thoroughly by kneading until a smooth, grey-black paste with a trowelable consistency is achieved. Avoid air inclusions as much as possible.

## **Application**

Apply the workable filler paste compound to the prepared surfaces using a trowel. The available working time for the two-component compound after being mixed is approx. 30 minutes at an ambient temperature of + 25 °C (pot life).

## **Hardening**

At a temperature of + 25 °C, hardening will take place after approx. 24 - 30 hours. The hardening time may be significantly reduced by means of a thermal treatment (using either hot air or a radiant heater at approx. + 60° C). After the areas coated with **CHEMOKITT L** have cured, they can be sanded to desired finish, if necessary.

## **Technical Data**

Colour:	grey-black
Specific weight:	1.15 (g/cm <sup>3</sup> )
Pot Life:	30 minutes at + 25 °C
Open time:	10 - 15 minutes
Adhesion to steel:	≥ 8 N/mm <sup>2</sup> as per ASTM D 429
Shelf life:	max. 6 months in closed original container
Storage conditions:	dark and dry at + 15 °C to + 25 °C as per DIN 7716

## **Safety Regulations**

The safety instructions indicated on the packaging must be complied with!

## **Miscellaneous**

Processing and application tools may be cleaned prior to hardening of the filler paste with TIP TOP Cleaning Agent.

## **Notes**

The information given above is based on approved test results and represents statistical product data, which does not however necessarily guarantee the specific properties of the product.

We reserve the right to changes to technical specifications without prior notice, provided they ensure technical improvement without major modifications of the product itself.

### Available Packing Units

Product Description	Packing Units	Product-No.
<b>CHEMOKITT L</b>	1 kg set of Component A + B each 0.5 kg	528 7055

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.

**TIP TOP Oberflächenschutz Elbe GmbH, Heuweg 4, D-06886 Wittenberg**  
**Phone: (0 34 91) 6 35 – 50, Fax: (0 34 91) 6 35 – 5 52**

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