

# CE 51

## Epoclean

**Special cleaner and detergent additive  
for removing epoxy soiling and films**

### CHARACTERISTICS

- ▶ highly efficient
- ▶ removes even hardened films
- ▶ facilitates washing
- ▶ for cleaning a wide range of different types of soiling
- ▶ biodegradable

### 1 SCOPE OF USE

CE 51 can be used as a detergent additive when grouting joints with epoxy resin, for later cleaning of epoxy soiling and tools used for application, as well as for removing resins when doing paving work. It removes graffiti from concrete, tiles, natural stones, metal, wood, paving stones etc. as well as traces of abrasion and wear from industrial floors (oil, rubber, soiling). CE 51 also removes sealing finishes from ceramics and natural stones.

### SUBSTRATE PREPARATION

Depending on the type of use, the substrate must be dry and freed from excess material. Dried-on resin drops must be heated and then removed mechanically.

### APPLICATION

#### Use as detergent additive:

Start the washing procedure immediately after mortar application (use 100 ml CE 51 on 8 l warm water). Excess joint material must combine with the wash water. Use fine pads!

Soak up the dirty water containing resinous waste with a fine-pored tiler's sponge. Finally clean the surface with a sponge rinsed in clear water.



#### Removing resin films:

Apply CE 51 evenly by paint brush or roller on the covering to be cleaned. Allow to act for approx. 30 to 60 min, depending on the degree of hardening of the resin emulsion. Proceed on partial areas (max. 50 m<sup>2</sup> per operation). After the soaking time, use a bucket full of warm detergent water, scrub off the film with a green, red or blue pad, then rinse with copious amounts of water. Repeat the process if necessary. Finally rinse off the detergent with a fine-pored pad/sponge and plenty of water.

#### Removing grouting residue immediately after grouting:

Apply CE 51 directly by paint brush onto the soiled areas and allow to act for max. 5 min. Proceed on partial areas (max. 10 m<sup>2</sup> per operation). Repeat the process if necessary. Finally wash off with a white pad and detergent water.

### Removing graffiti:

Thinly apply CE 51 directly by paint brush, roller or spray device onto the soiled areas and allow to act for approx. 10 to 25 min. Rinse off with a high-pressure water jet. Repeat the process for stubborn soiling.

### Removing sealing finishes:

Apply CE 51 directly onto the surface, work it thoroughly in with a pad and allow to act for approx. 30 to 60 min. Rinse off with detergent water. Repeat the process if necessary.

### Cleaning industrial floors:

Mix CE 51 with water at a ratio of 1 : 1 and apply by sponge or polishing pad (white). Thoroughly work the solution in, allow it to act for approx. 10 to 20 min and finally rinse with detergent water. Repeat the process if necessary.

### Cleaning tools:

Apply CE 51 directly by paint brush onto the dirty tools and allow to act for approx. 10 to 20 min. Rinse off with water. In the case of stubborn soiling let the tools stand in CE 51 for approx. 60 min, then rinse off with plenty of water. Repeat the process if necessary.

## PLEASE NOTE

Keep CE 51 away from plastics or varnishes (danger of attack)! Cordon off the cleaned areas until completely dry. Clean the tools, pads and sponges after use with plenty of water.

During use it is recommended to wear gloves and safety glasses. In case of contact with the eyes rinse immediately with plenty of water and seek medical advice. Protect the hands with skin protection cream. Please refer in particular to DIN 18 352, DIN 18 157 and the information sheets issued by the Central Association of the German Building Trade (ZDB). Observe the warnings-, safety- and waste advice given in the safety data sheet.

**Should you need support or advice, please consult our advisory service for architects and craftsmen on the hotline numbers**

**Phone: +49 211 797 0**

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Apart from the information given here it is also important to observe the relevant guidelines and regulations of various organisations and trade associations as well as the respective standards of the German Standards Institute (DIN). The aforementioned characteristics are based on practical experience and applied testing. Warranted properties and possible uses which go beyond those warranted in this information sheet require our written confirmation. All data given was obtained at an ambient and material temperature of +23 °C and 50 % relative air humidity unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed.

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of wilful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.

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## TECHNICAL DATA

Amount required / mixing ratio:

Type of use	Amount required/ mixing ratio	Soaking time per operation:
Detergent additive for epoxy grouting	100 ml on 8 l water per wash cycle	5 to 10 min
Removing dried-on epoxy resin films	approx. 50–100 ml/m <sup>2</sup> per operation	max. 60 min
Removing grouting residue immediately after grouting	undiluted	max. 5 min (proceed on partial areas, max. 10 m <sup>2</sup> per operation)
Removing graffiti	undiluted	10 to 25 min
Removing sealing finishes	undiluted	30 to 60 min
Cleaning industrial floors	1 : 1 with water	10 to 20 min
Cleaning tools	undiluted	10 to 20 min
Storage:	In a tightly sealed container in cool and dry conditions, protected from direct sunlight. Use product in opened containers as soon as possible.	
Shelf life:	12 months	

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