

CC 83

Elastic emulsion

Synthetic resin additive for thin-bed mortars and levelling compounds with critical substrates and surface loads

CHARACTERISTICS

- ▶ considerably increases adhesive tension strength
- ▶ increases imperviousness to water
- ▶ improves flexibility
- ▶ increases crack resistance

SCOPE OF USE

Synthetic resin additive to ensure flexible, high-strength laying of ceramic coverings etc.

Only for use in combination with mortars CM 11, CM 12, CM 15 and levelling compounds like CN 72. Add CC 83 when tiles are laid indoors on the following critical substrates: old tile coverings, paintwork, anhydrite screeds, lightweight concrete, mastic asphalt screeds, lightweight building boards, wood chipboards (V 100), dry screeds, sandwich-type or fibrous plasterboards.

It is also recommended to add CC 83 to the above thin-bed mortars to avoid squeezing stresses on heated screeds or in outdoor areas.

APPLICATION

First, mix CC 83 with water at the specified ratio (see table below).

Then add the mortar and stir until the mixture is completely free of lumps.

Apply the plastic-modified mortar according to the recognized rules of the thin-bed method.

Fresh excess mortar can be removed with water; hardened material can only be removed mechanically.

PLEASE NOTE

Use CC 83 only in dry conditions and at temperatures of +5 °C to +35 °C.

Observe the directions for use supplied with the respective Ceresit Bautechnik product.



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).

When laying tiles in exposed areas, especially in chemically stressed areas, use other Ceresit products. 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

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TECHNICAL DATA

Base:	neutral synthetic resin dispersion
Density:	1.03 g/cm ³
Mixing ratio:	approx. 3.0 l of water + 4 kg of CC 83 for 25 kg of CM 11 approx. 3.5 - 4.0 l of water + 4 kg of CC 83 for 25 kg of CM 12 approx. 4.75 l of water + 2 kg of CC 83 for 25 kg of CM 15 approx. 5.5 l of water + 2 kg of CC 83 for 25 kg of CN 72
Ready for grouting:	CM 11 after 48 hours CM 12 after 48 hours CM 15 after 4 hours
Walk-on time:	CN 72 after 6 hours
Amount required:	on average 0.55 kg/m ² when used as additive for CM 11, CM 12 approx. 0.12 kg/m ² per mm layer thickness when used as additive for CN 72
Storage:	shelf life approx. 12 months in a frost-free and dry place
Packaging:	4 kg plastic canister

CERESIT
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2

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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