

# CC 71

## Mixing oil

**Air-entraining agent for mortar and concrete**

### CHARACTERISTICS

- ▶ segregation-inhibiting
- ▶ plasticizing
- ▶ easy to use
- ▶ reduces the amount of mixing water needed
- ▶ chloride free

### SCOPE OF USE

For increasing the frost and deicing salt resistance of concrete, e.g. on runways, concrete roads, concrete products etc.

For improving the workability of plasters, screeds, concrete floors etc.

For increasing the content of air voids and improving the water retention value.

For improving the resistance properties of screeds and concrete floors.

### APPLICATION

Add the appropriate amount of CC 71 to the mixing water and stir briefly.

Use this mixture to produce the concrete or mortar mixture. Allow for the reduced water demand.

Test the product for suitability before use. Observe the mixing times specified by DIN 1045.

When using CC 71 in combination with CC 92 or CC 93, only add 50 % of the applicable quantity of CC 71.

### PLEASE NOTE

Use CC 71 only at temperatures of +5 °C to +35 °C. If the applicable amount of CC 71 is exceeded, both compressive and bending tensile strength will be reduced.

CC 71 is irritating. Therefore protect skin and eyes.



If contact occurs, wash off and rinse copiously with water. In case of contact with the eyes obtain medical advice.

Remove contaminated clothing.

Please refer in particular to DIN 1045, DIN 18 550 and DIN 18 560.

**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:	Synthetic and natural air-entraining agents in alkaline solution GISCODE BZM 2
Density:	approx. 1.10 kg/l
Air content in - fresh concrete: (DIN 18 555)	3 – 5 %
- fresh mortar: (DIN 18 555)	approx. 13 %
Reduction of mixing water needed:	approx. 10 %
Mixing ratio:	For mortar: approx. 100 ml/50 kg of binder (750 – 800 ml/200 l of water)  For concrete: approx. 25 – 50 ml/50 kg of cement
Storage:	shelf life approx. 12 months in a frost-free but cool place
Packaging:	6 kg, 12 kg and 35 kg tin cans

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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