



# Cimfluid 231

## Mass water repellent

**Cimfluid 231** is a powerful mass water repellent designed for manufactured mortars and concretes intended to be in contact with dampness, run-off water or water under pressure.

**Cimfluid 231** is a non-chlorine additive that belongs to the liquid-mass water repellent family. It is in conformity with standard EN 934-2.

### CHARACTERISTIC VALUES

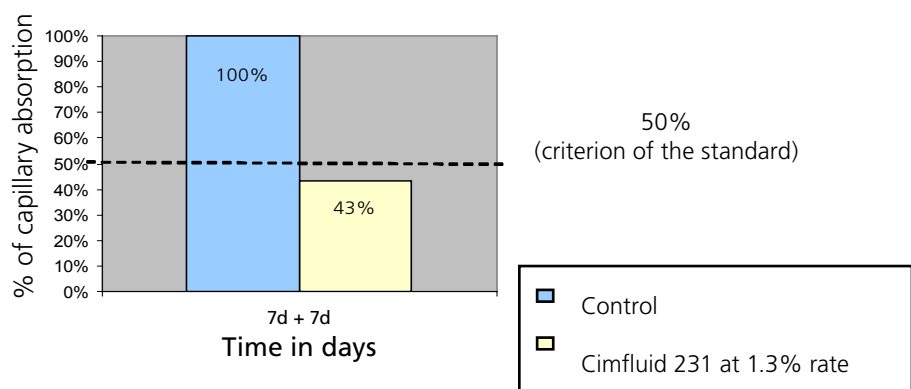
- Dark brown liquid
- Density at 20°C :  
1.150 kg/dm<sup>3</sup> ± 0.030
- pH at 20°C : 7.5 ± 1.0%
- Dry extract : 31.5% ± 1.3% (halogen)
- Dry extract : 32.5% ± 1.6% (NF EN 480-8)
- Na<sub>2</sub>O<sub>equiv</sub> : ≤ 5.3%
- Cl<sup>-</sup> : ≤ 0.10%
- Freezing temperature :  
- 4°C approx.
- Viscosity :  
- at 20°C ≈ 25 cP  
- at 5°C ≈ 25 cP

- Corrosion effect : PND  
- contains components only taken from EN 934-1 : 2008 Annex A1.

### FIELD OF APPLICATION

- Concretes subject to high leaching and to an aggressive environment,
- Concretes waterproof in the mass : rafts, tanks, foundations, etc.

CAPILLARY ABSORPTION ON MORTAR TO THE NF EN 934-2 STANDARD



## DIRECTIONS FOR USE

**Cimfluid 231** is added into the mixer at the same time as the mixing water or after a pre-mix stage.

When **Cimfluid 231** is employed with another additive, it is recommended that they should not be introduced together into the additive scales.

The **Cimfluid 231** application rate must be tested beforehand and adjusted before industrial application.

It will depend on the formulation of the concrete, the nature of the cement, and the characteristics desired. The Axim technical services will be at your disposal in order to assist you with this process.

## DOSAGE

- Recommended range of use : 0.25 to 1.5% of the cement by weight.

## PRECAUTIONS FOR USE

If the **Cimfluid 231** has been subjected to frost, it must be completely thawed and evenly mixed before it is used.

- Rinse with water in the event of splashing.
- It is recommended that **Cimfluid 231** be stored in a frost-free place, away from sunlight and strong heat sources.



*Does not resist against frost*

## SAFETY

- The use of goggles and gloves is recommended when handling the product.
- In any event, always consult the safety sheet for the product.

## PACKAGING

- Bulk
- Tank of 1 000 liters.
- Barrels of 200 liters.
- Kegs of 30 liters.

## SERVICE LIFE

- Expiration date : 1 year as of manufacturing date.

*The technical sheet and the safety data sheet for this product can be found on our Internet site : <http://www.axim.fr>*

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The information provided in our technical sheets is given for guidance only. It relates to the results of the tests performed on our products, but is not of a universally applicable character. This information must not be considered under any circumstances to represent a guarantee given to the user, or an acceptance of responsibility on our part. Only preliminary tests are capable of exactly determining the conditions of use in each case.