

# REBA DM

Capillary breaking water proofer

**Industrial use**

Product No.: 290002000

## Product Information:

### Sustainability Assessment:

Reducing the water-cement ratio and increasing the durability of the concrete

### Properties:

- closes the capillary pores
- plasticizing properties
- reduces efflorescence

### Application:

concrete products

Efficiently lowering the clinker factor makes it possible to reduce CO<sub>2</sub> emissions.

A reduction in the clinker factor in cement from 0.73 to 0.5 means a reduction of > 200 kg/CO<sub>2</sub> per tonne of cement (calculation basis = approx. 750 kg to 800 kg CO<sub>2</sub> per tonne of clinker).

Is added together with the aggregates or, if the aggregates are highly absorbent, to the finished concrete mix.

In the case of very dry or highly absorbent aggregates, the addition is made with the mixing water.

The full water-repellent effect is available when the products have completely reacted.

Do not use to manufacture elements that are intended for applications under permanent hydrostatic pressure (e.g. underwater applications).

The required mixing time after addition depends on the mixer and must be sufficiently measured. Unnecessarily long mixing times should be avoided as the effectiveness of the additive is reduced.

### Dosage:

0.5 - 2.0 wt.% of the binding agent content

The quantity to use depends on the required effect, cement grade and type of concrete.

Please call us for technical advice.

Prior to use, a suitability test according to EN 206-1 or any applicable standards or norms relevant in your country is required.

### Specifications:

Appearance:	liquid
Colour:	amber
Density:	1.05 ± 0.02 g/ml

### Storage:

Under normal storage conditions (closed container, 20 °C) minimum shelf-life 12 months

Protect from frost, direct sunlight and contamination.

### Packaging:

Containers 1000 kg, Barrels 210 kg, Canisters 20 kg

Other delivery quantities on request

**Safety Rules:**

See EC safety data sheet.

The product should only be used with suitable protective gloves (EN 374) and safety goggles (EN 166).

When used, ensure good ventilation (5 to 15 air exchange per hour).

**Assistance:**

Please contact our Technical Application Centre.

**Industrial use:**

Recommended frequency and duration of use:

480 minutes/day

200 days/year

**Environmental Exposure:**

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or the sewage system.

Must not get into the sewage water undiluted or unneutralized.