

REBAment (FM)

Superplasticizer according to EN 934-2:T3.1/3.2

Industrial use

Product No.: 250002010

Product Information:

Sustainability Assessment:

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

Properties:

- higher strength
- improved workability

Application:

admixture for the consistency classes F2 to F4
precast concrete elements
face concrete
"hermetic presses"

In precast factories, the concrete admixture must be added after all components have been added. The following mixing time should not fall below 45 to 60 sec., however, it is generally depending on the supplied mixing energy. Concrete admixtures based on melamine sulfonate are therefore not recommended for concrete applications in the soil/groundwater area.

Efficiently lowering the clinker factor makes it possible to reduce CO₂ emissions.

A reduction in the clinker factor in cement from 0.73 to 0.5 means a reduction of > 200 kg/CO₂ per tonne of cement (calculation basis = approx. 750 kg to 800 kg CO₂ per tonne of clinker).

The concrete admixture is added to the transport mixer at the construction site; the liquefying effect only lasts for a limited time.

An even distribution through a mixing time of one minute per m³, but at least five minutes, must be ensured.

Dosage:

0.5 - 3.0 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: colourless to slightly yellow/pink
Density: 1.13 ± 0.03 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 200 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.