

# REBALit (LP)

Air-entraining agent according to EN 934-2:T5

**Industrial use**

Product No.: 260001010

## Product Information:

### Sustainability Assessment:

> 85% of the active ingredient content from renewable raw materials

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

### EPD:

Concrete admixtures – Air entrainers

EPD-EFC-20210193-IBG1-EN

### Properties:

- brings in defined micro airpores
- freeze-thaw resistance is improved

### Application:

concrete products

precast concrete elements

ready-mix concrete

Is suitable for airing stiff to soft concrete and of flow concrete.

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).

The life cycle assessment data and the other contents of the sample EPD can be used to assess the sustainability of buildings in which the product has been installed.

The dosage takes place with the mixing water or, if a sufficient mixing time is observed (approx. 40 - 60 seconds), on the finished mixture in the compulsory mixer.

### Dosage:

0.2 - 0.6 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:	brown
Density:	1.01 ± 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.