

# REBALit T3 (VZ)

Retarding agent according to EN 934-2:T8

**Industrial use**

Product No.: 280001010

## Product Information:

### Sustainability Assessment:

The product is covered by the model EPD (Environmental Product Declaration) according to ISO 14025 and EN 15804 + A2.

### EPD:

Concrete admixtures – Retarders

EPD-EFC-20210195-IBG1-EN

### Properties:

depending on temperature, cement, consistency and water/cement ratio

– retards the setting process

– extends the workability time

### Application:

concrete products

precast concrete elements

ready-mix concrete

Guideline values for dosing concrete with CEM I 42.5 R:

Concrete temp.	3h	6 h	9h	12h	24h
20 °C	0.1	0.4	0.5	0.6	1.2
25 °C	0.2	0.5	0.8	0.9	1.8
30 °C	0.4	0.8	1.0	1.1	2.2

With CEM II the indicated dosing quantities can be reduced by approx. 0.1 % and with CEM III by 0.2 - 0.4 %.

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 additive is added to the mixing water.

### Dosage:

0.2 - 0.8 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. Retarded concrete is more prone to shrinkage cracking than non retarded concrete. Therefore a careful and sufficiently long after-treatment is necessary.

### Specifications:

Appearance: liquid

Colour: colourless

Density: 1.15 ± 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.

If stored for > 2 months, stir before use.

**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.