

# COLORintensiv 2016 (ST)

Stabilizer according to EN 934-2:T4

## Industrial use

Product No.: 200015000

## Product Information:

### Sustainability Assessment:

High level of robustness and safety in concrete production, even with extremely low cement contents

### Properties:

- reduces efflorescence
- improves the freeze-thaw resistance
- stabilising effect
- intensifies the colouring
- avoids sticking to the ram

### Application:

Concrete products; mainly in coloured concrete block products, coloured paving, especially in facing concrete

A mass hydrophobization is recommended.

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 use of stabilizers can maximize CO<sub>2</sub> reduction in conjunction with highly effective superplasticizers. In this way, CO<sub>2</sub> emissions can be reduced by up to 25%.

The mixing time must be determined individually in order to achieve a homogeneous mixture.

Changes in the w/c value can cause clumping.

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

### Dosage:

0.05 - 1.0 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: yellow

Density: 1.02 ± 0.02 g/ml

Air Pore Content: 4.6 % above the control mixture according to EN 934-2: T4

### 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.