

# COLORflow PC (BV)

Concrete plasticizer according to EN 934-2:T2

## Industrial use

Product No.: 230001010

## Product Information:

### Sustainability Assessment:

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

### Properties:

- high-performance plasticizer
- reduces efflorescence

### Application:

admixture for the consistency classes F2 to F5  
coloured precast concrete elements  
architectural concrete elements

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 addition takes place with the mixing water or - even better - by thorough mixing into the premixed concrete.

### Dosage:

0.5 - 1.5 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: 1.04 ± 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.

Stir before use. Close well after 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.

Must not get into the sewage water undiluted or unneutralized.