



## Technical Data Sheet

# PURCOLOR-6000-P

Art.-No. 4 01423

## Colour intensifier / efflorescence reducer / plasticizer

For the production of coloured garden and landscaping structures, such as e.g.

- Paving blocks
- Palisades
- Plant rings
- Kerbstones and edging stones
- Pathways and slabs for terraces and other concrete of consistency classes F1 and F2

### Properties:

Due to its hydrophobic properties, PURCOLOR-6000-P reduces the capillary absorption of the core concrete and facing concrete and therefore considerably decreases efflorescence.

The active components of PURCOLOR-6000-P additionally increase the compactness of the concrete. Due to the increased formation of cement slurry at the surface a good closed edge is generated and consequently a homogenous appearance to the concrete.

### Technical Data:

Raw material basis:	mixture of fatty acids
Colour:	white
Consistency:	liquid
Density:	1.00 g/cm <sup>3</sup>
Application temperature:	from +5° C
Storage:	protect from frost and contamination
Shelf life:	12 months at +20° C in the original container
Packaging:	1000 kg container 210 kg drum 25 kg keg
Water hazard class:	WGK 1 (self classification)

### Dosage (based on cement):

Recommended dosage: 0.5 - 1.8% by weight.  
The required dosage quantity depends on the concrete recipe and the reactivity of the cement. It is to be determined following preliminary tests.

### Product application:

It is preferable to add PURCOLOR-6000-P to the finished mix. Addition to the gauging water is also possible after testing. Adjustment to individual mixing circumstances is required on each occasion.

### Specific advice:

- A performance test, in accordance with valid standards and guidelines, is always necessary before using in concrete.
- PURCOLOR-6000-P has a plasticizing effect. This must be taken into consideration when preparing the concrete mix.
- PURCOLOR-6000-P has a strong efflorescence reducing effect.
- PURCOLOR-6000-P should not be used in concrete production requiring external storage below 12° C after 24 hours. Its function may be reduced. In general do not store green concrete (especially coloured concrete or concrete goods) externally below 10° C for at least 48 hours. This will additionally facilitate the reduction in efflorescence.

### Health & Safety regulations:

Please observe a current valid EU Safety Data Sheet.