



## Technical Data Sheet

# PURCOLOR 6000

Art.-No. 4 01420

## Efflorescence reducing and colour intensifying admixture

### Areas of application:

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:

The hydrophobic nature of PURCOLOR-6000 reduces capillary absorption, which considerably reduces efflorescence.

PURCOLOR-6000 increases the degree of compaction in the concrete, which consequently gives an even and closed surface texture.

### 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 – 1.3% 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 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 has a strong efflorescence reducing effect.
- PURCOLOR 6000 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.

### Control / approval:

Concrete admixture in accordance with DIN EN 934-2:T9. Only contains substances given in EN 934-1:2008 Annex A1.

### Health & Safety regulations:

Please observe a current valid EU Health & Safety Data Sheet.