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SCHOMBURG

**Technical Data Sheet**

# PURCOLOR-6000

**Art.-No. 4 01420**

## Colour intensifying and efflorescence reducing admixture

CE 0764

**SCHOMBURG GmbH & Co. KG**
**Aquafinstrasse 2–8**
**D-32760 Detmold**
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4 01420

EN 934-2
**PURCOLOR-6000**
Waterproofing additive for concrete
EN 934-2:T9

| | |
|---|---|
| Chloride content | max. 0.10 M.-% |
| Alkali content | max. 8.5 M.-% |
| Corrosion behaviour | Contains components only from EN 934-1:2008, Annex A. 1 |
| Compressive strength | fulfilled |
| Capillary water absorption | fulfilled |
| Air content | fulfilled |
| Dangerous substances | NPD |

NPD = „No Performance Determined"

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/cm³ |
| Application temperature: | from +5° C |
| Storage: | frost-free and dry, min. 12 month, in the original unopened container |
| Packaging: | 1000 kg container<br>210 kg drum<br>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.

Please observe a current valid EU Safety Data Sheet.