

SICOROL N PLUS

COLOR DEEPENING, SILK-GLOSS AND WATER-BASED IMPREGNATOR

CHARACTERISTICS

SICOROL N Plus is a color deepening, water-based impregnation product that displays a long lasting gloss effect. It is delivered ready for use, creates a protective film and is very well-suited for lasting impregnation of concrete surfaces. The impregnated surface will repel dirt, oil, and water. SICOROL N Plus is UV resistant, weather-proof and lessens the affects of scum on the concrete surface. SICOROL N Plus increases resistance to the effects of freeze-thaw and de-icing salt. SICOROL N Plus is able to penetrate deeply into the surface of concrete and has a good resistance against alkali reactions. Additionally the surface growth of micro-organisms, algae and moss is markedly reduced.

AREAS OF APPLICATION

SICOROL N Plus is specifically designed to protect paving, precast elements and cladding from liquid and oil-based contaminants. Both new and older, hardened concrete surfaces can be protected permanently. It is designed for use where an intensification of color as well as a gloss effect is desired for the concrete surface. SICOROL N Plus is particularly suitable for the treatment of absorbent concrete surfaces that have been previously finished by surface retarders, acid washing, sand blasting or hammering. It is not suitable for polished surfaces.

GUIDANCE FOR APPLICATION

Before SICOROL N Plus is applied, the surface to be treated must be thoroughly cleaned to remove contaminants, scum, algae and moss, as well as any traces of release agent from the formwork. This can be achieved by using our specially designed cleaner SICOROL ZE. The surface must be completely dry before SICOROL N is applied.

SICOROL N Plus is best applied evenly and deeply to the surface using either a roller or sprayer. The application must be completed in one operation.

Further impregnation after the first coat is not possible because the fluid-repelling characteristics of the product will have taken affect.

Application is best carried out in dry weather with no wind. Air and surface temperatures should be between + 8°C and + 30°C. The surface to be treated should be protected from rain and strong sunlight during treatment and at least six hours after treatment. Conducting trials prior to final application is highly recommended.

CONSUMPTION

Approx. **100 – 200 g/m²**

Exact consumption rate are dependent on the structure of the surface and absorbency of the concrete.

TECHNICAL DATA

| | |
|----------------|--|
| Form | liquid |
| Color | white |
| Density | approx. 1.02 g/cm ³ |
| Shelf life | 1 year from date of manufacture |
| Storage | dry, cool, frost-free, protect from direct sunlight |
| Container size | 20 kg container 200 kg drum 1.000 kg container |

SAFETY

See European Union safety data sheet.

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