

SICOROL PEARL

COLORLESS, SOLVENT-BASED HYDROPHOBIC IMPREGNATOR

CHARACTERISTICS

SICOROL PEARL is a reactive, solvent-based concrete impregnation product which is immediately ready for use from the container. The visual appearance of the treated surface is unaffected by this product; SICOROL PEARL is not a product that intensifies color or creates a gloss finish. SICOROL PEARL is UV resistant, weather-proof, vapour permeable and lessens the affects of scum on the concrete surface. SICOROL PEARL increases resistance to the effects of freeze-thaw and de-icing salt. Additionally the surface growth of micro-organisms, algae and moss is markedly reduced.

AREAS OF APPLICATION

SICOROL PEARL 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. SICOROL PEARL 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 PEARL 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 PEARL is applied.

For best results SICOROL PEARL should be applied using a sprayer in the concentrated form, as supplied. It should be applied evenly and consistently across the surface. For strongly absorbent surfaces we recommend a second application. The second application must be applied whilst the first is still wet; this ensures an optimum protective effect. It should be noted however that excessive use or

pooling of the product on the surface must be avoided.

Further impregnation after the first coat has dried is not possible because the fluid-repelling characteristics of the product will have taken affect. Surrounding surfaces that are not to be treated must be protected so that SICOROL PEARL does not come into contact with them.

Application is best carried out in dry weather with no wind. Air and surface temperatures should be between + 10°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. **150 – 350 g/m²**

Exact consumption rate are dependent on the structure of the surface and absorbency of the concrete. The exact figure should be estimated during trials.

TECHNICAL DATA

Form	liquid
Color	colorless
Density	approx. 0.78 g/cm ³
pH-value	approx. 8.0
Shelf life	18 months from date of manufacture
Storage	dry, protect from temperatures below 10°C and from direct sunlight
Container size	20 liter container

SAFETY

See European Union safety data sheet.

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02/15

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