

# P100

## IMPREGNATING/MAINTAINING AGENT FOR FRESH AND EXISTING CONCRETE SURFACES

### ADVANTAGES

- Ensures optimum proper curing and surface sealing of fresh concrete
- Reduces oil and water absorption
- Increases abrasion resistance
- Protects against dust
- Easy to apply
- Provides excellent aesthetics and a slight sheen to the concrete surface
- Reduces the appearance of micro-scratches
- Reduces chloride penetration
- Increases frost resistance by sealing

### PRODUCT CHARACTERISTICS AND USE

- Solvent-based acrylic resin dispersion, colourless liquid
- Formulation used to impregnate, seal and harden newly installed concrete floors, both surface hardened and high quality concrete, including maneuvering areas, car parks and outdoor roads
- P100 is also suitable for impregnating old concrete substrates to strengthen and ensure watertightness
- It is particularly advisable to use P100 on a surface cured with Romix curing sprinkle

### INSTRUCTIONS FOR USE AND APPLICATION

The surface should be free of free dirt (dust, debris, others) and standing water.

## FRESH SUBSTRATE

Apply on the freshly trowelled surface with a spray or roller. The preparation is applied immediately after the final troweling and smoothing of the floor surface. The time of application is of the utmost importance. It is important to remember that freshly made flooring dries quickly, which results in shrinkage microscratches. Therefore, apply the treatment immediately after the mechanical treatment has been completed. If the area is particularly exposed to drying out due to high temperatures or draughts, it is advisable to cover the surface with a foil or geotextile after drying.

Due to its properties, P100 closes the micropores of the concrete, leaving a thin film that degrades as a result of natural use after the curing period.

## OLD SUBSTRATE

When applying to an old substrate, adjust the amount of preparation to the absorption capacity of the substrate. Apply approximately 0.1 l/m<sup>2</sup> to the prepared cleaned substrate and wait until the substrate is completely dry. If you do not notice a clear glossy film, repeat the application, bearing in mind that the absorption capacity of the substrate has been considerably reduced, so the quantity of preparation should be correspondingly lower.

If the impregnated concrete is to be covered with other layers, e.g. resinous flooring, an adhesion test should be carried out, and if the material used requires direct contact with the concrete, the resulting layer should be removed mechanically (grinding, shot-blasting, milling).

The drying time depends on the application conditions. At 20°C, the surface is dry after 1-3 hours.

## CLEANING AND MAINTENANCE OF A CONCRETE FLOOR

- **Si-Clean** – preparation for daily cleaning and care
- **Si-Wax** – self-gloss polymer paste
- **Si-Active Concrete Clean** – alkaline cleaner for basic cleaning and removal of heavy soiling

## STORAGE AND TRANSPORT CONDITIONS

- Shelf life of P100 at 0-30°C is 12 months from date of manufacture
- Protect the product from fire and frost

## PRECAUTIONS

- Follow the safety data sheet and instructions on the packaging.
- Product to be used outdoors or only in the open without the presence of third parties, protect from skin and eye contact
- P100 contains organic solvents

## EFFICIENCY

- Depending on the absorbency of the substrate on existing concretes from 0.1 to 0.3 l per m<sup>2</sup>
- freshly poured concretes - consumption depends on weather conditions and ranges from 0.08 to 0.12 l per m<sup>2</sup>

**Note:** The above information has been compiled to the best of our technical knowledge, but is not legally binding.

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