

PH100 LIT PLUS

SILICATE-POLYMER IMPREGNATE FOR CONCRETE FLOORS

USE

- Premises where increased abrasion resistance, tightness and high aesthetics of the floor are required
- Indoors as well as outdoors
- For use in both industrial construction, commercial construction and residential construction

CHARACTERISTICS

- Easy to apply - product ready for indoor and outdoor use
- Colorless formula that gives the floor a satin-gloss finish
- Resistant to alkalis
- The floor is highly hard and resistant to scrubbing
- Protects the floor from dusting and losing moisture too quickly
- Reduces the formation of micro-scratches on the surface of new concrete floors
- Reduces absorbency and saturation of the substrate
- Strengthens the surface of concrete with the addition of highly active lithium silicate
- UV resistant
- Makes it easier to keep the floor clean

DIRECTIONS FOR USE

PH100 LIT PLUS is an impregnant used for surface impregnation, protection and strengthening of concrete substrates. It can be applied both to fresh, clean and dry (previously un-impregnated) concrete substrates, directly after troweling the floor, as well as to already existing substrates. The product is applied with a spray or short bristle roller, in a thin layer. After a few minutes after application (depending on the temperature of the substrate and the environment), spread the resulting stagnation with a mop. Do not allow stagnation and streaks to remain on the surface of the concrete, as they will adversely affect the aesthetics of the floor. In the case of very absorbent substrates, apply the impregnate in two layers, with the second layer applied perpendicularly to the first.

CONSUMPTION

from 0,1 to 0,3 l/m²

The quoted consumption at the time of application may be higher or lower due to: porosity and unevenness of the substrate, losses during application, etc.

APPLICATION CONDITIONS

Temperature of a substrate:	<i>Minimum +5°C / Maximum +25°C</i>
Ambient temperature:	<i>Minimum +5°C / Maximum +25°C</i>
Relative air humidity:	<i>Maximum 100%</i>

Avoid drafts during the work. Light ventilation during and after application speeds up the drying of the product.

DRYING OF THE MATERIAL

- The substrate is dry to the touch after 3-5 hours at +20°C and 65% relative humidity. Higher temperature and lower humidity shortens the time, lower temperature and higher humidity lengthens the stated time.
- Full hardening is achieved after about 24 hours after application, foot traffic possible after about 12 hours.

CLEANING AND MAINTENANCE OF CONCRETE FLOOR

- **Si-Clean** – preparation for daily cleaning and care
- **Si-Wax** – self-gloss polymer paste
- **Si-Active Concrete Clean** – Alkaline remover for thorough cleaning and removal of tough dirt

STORAGE AND TRANSPORT

- The storage period of PH100 LIT PLUS at a temperature of +5°C to +30°C is 12 months from the date of manufacture.
- Protect the product from heat, sunlight and frost.

PACKAGE

5 l and 20 l

***Note:** The above information has been prepared on the basis of our best technical knowledge, but does not constitute the subject of legal obligations.*