



Technical data sheet

PROTECTION MADE EASY

Cryltane CF Impregnation

Description and destination of the product

Cryltane CF Impregnation is a two-pack polyurethane impregnation coat for concrete, brick, asbestos cement, gypsum, masonry...

Cryltane CF Impregnation resists alkali and penetrates deeply into the surface. It is finished with **Cryltane CF Finish**.

After application, most of the surfaces show a "wet outlook" (darkening).

It has no sense to apply **Cryltane CF Impregnation** on surfaces that have already been painted, unless on chalking layers with good solvent resistance.

Type of binder

Hydroxy acrylates and aliphatic polyisocyanates.

Colour

Colourless.

Technical data

- **Density:** 0.90 (\pm 0.03) g/cm³
- **Solids content:** 22 (\pm 2) % in volume
- **Mixing ratio:** 14/1 in volume
Mixing errors result in deviating properties and differences in gloss. Therefore we advise to mix the complete contents of base paint and hardener.
- **Potlife:** \pm 10 hours at 20°C
- **Drying times:**
 - dustdry : 10 minutes
 - tackfree : 1 to 2 hours
 - recoatable : 6 to 8 hours
- **Theoretical yield:** 5 to 9 m²/L
The practical yield can largely be influenced by the roughness and porosity of the substrate, the applied layer thickness or the losses by airless application.

Surface preparation

The surface must be fully cured and sufficiently dry (less than 5 % humidity at the surface). In normal circumstances, the minimum waiting time for painting fresh concrete is 6 weeks.

All contaminations such as dirt, loose particles, laitance, etc. have to be removed. These can be washed down or cleaned under high pressure.

Fungal or algal growth should be washed with **Fungex**.

Corroded steel reinforcements should be derusted and treated with 2 coats **Polysilco HS Universal**.

Holes and deep pores must be filled with a mortar after curing of the impregnation coat. The non-coated substrate must be protected from possible causes of pressure build-up against the interface of the coating (contact with water, wet soil, etc.) Active joints must be sealed with an elastic one-pack polyurethane joint filler.

Use

- Mix base and hardener BN4 very well (mixing ratio: 14/1 in volume)
- **Cryltane CF Impregnation** is applied by brush in order to obtain a good penetration of the product in the surface
- Clean the material with **Solvatane**.

Application conditions

Relative humidity should be 85 % on condition that no condensation occurs during application or drying. The temperature of the surface and environment should be between +5°C and +40°C.

Storage stability

For the base paint : minimum 3 years in the original, unopened packing, stored in a dry environment at temperatures

between 0°C up to +40°C.

for the hardener : Minimum 18 months in the original, unopened packing, stored in a dry environment at temperatures

between 0°C up to +40°C.

Safety measure

For detailed information about safety measures, personal protection and transport data of this product, we refer to the safety data sheet.

The last update of our technical data sheets is always available at our website: www.libertpaints.be

Disclaimer

The information given in this technical data sheet is only a general product description, based on our experiences and tests and therefore does not represent a specific practical case. Consequently Libert Paints doesn't guarantee the functionality or result and takes no responsibility in this respect.

We advise our clients to test the applicability of the product to the nature and the state of the surfaces and to carry out the necessary representative tests in case of doubt. Please contact our R&D department as the occasion arises.

Attention: our clients should verify whether the present technical data sheet hasn't been replaced by a more recent version.