



Technical data sheet

PROTECTION MADE EASY

Libodur

Description and destination of the product

Libodur is a water based and modified acrylic paint for inside and outside application. **Libodur** is an excellent wall paint for the decoration of a wide variety of different building materials such as plaster, cement, bricks, cardboard, wallpaper, etc.

Because of its exceptional properties of hiding power and durability, this paint is very popular amongs contractors.

An excellent adhesion on all materials is obtained thanks to the careful choice of binder. Through the internal plastification of the binder, a permanent film flexibility is obtained.

Type of binder

Modified acrylic dispersion

Colour

See colour card. More than 8.000 other colours are available thanks to our Color Dispensing system, such as the Libert fan (TVT 600 and NOVA 2024), RAL colours, British Standard, NCS and Eurotrend.

Gloss

Velvety mat (85° - 16 Gn).

Technical data

- **Density:** 1.39 (\pm 0.05) g/cm³
- **Solids content:** 44 (\pm 2) % in volume
60 (\pm 2) % in weight
- **Mixing ratio:** Mixing errors result in deviating properties and differences in gloss. Therefore we advise to mix the complete contents of base paint and hardener.
- **Drying times:**
 - dustfree : 30 minutes
 - dry : 2 hours
 - recoatable : 4 to 5 hours
- **Washability:** Scrub class 1: excellent (DIN 13300)
- **VOC:** < 30 g/L

○ **Theoretical yield:** 8 – 12 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 substrate to be painted should always be clean and dry. When the substrate shows anomalies such as cracks, which can induce water infiltration, these have to be repaired by appropriate means. Dust and other impurities should be removed by high-pressure jet.

Substrates contaminated by fungi, algae or moss should first be treated with **Fungex** (use: see technical data sheet) followed by a thorough cleaning. The surface must be fully dry before applying the paint system. If it concerns new, mineral and porous surfaces, the use of **Aquafix** is always recommended (use: see technical data sheet).

Use

For new paint works, **Libodur** can be applied by brush or roller after the impregnation coat with **Aquafix**.

A first layer is diluted 15 to maximum 20 % with tap water. The next layer can be applied with a dilution up to 10 %.

For less porous surfaces **Hydroprim** can be chosen as adherence coat, in white or in colour, in function of the end colour. As finishing coat one or two layers **Libodur** can be applied, diluted up to max 10 %.

Clean the tools immediately after use with tap water.

Application conditions

Libodur can be applied at temperatures above 5°C and air humidity of maximum 85 %

Storage stability

Minimum 18 months in the original, unopened packing stored in a frost-free, dry environment.

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.