



# Technical data sheet

PROTECTION MADE EASY

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## Surface Conditioner

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### Description and destination of the product

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Because outer walls are constantly exposed to various strong weather conditions (sun, rain, extreme cold, ...) it is always very important to impregnate the untreated walls with **Surface Conditioner**. To condition the new outer wall is very much determining for the success of the following outer wall paint system.

**Surface Conditioner** will not only impregnate but also fixate the surface and -if it would be "alkaline" (concrete or fresh jointing)- also seal it. The binder of **Surface Conditioner** will not saponify

free painting of ceilings and walls.

### Type of binder

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Composition of pure acrylic resins.

### Type of pigment

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Silicates and titanium dioxide, talc and chalks.

### Colour

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White and many colours with the Monimatic colour dispenser.

### Gloss

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Silky gloss.

## Technical data

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- **Density:** 1,42 ( $\pm$  0,05) Kg/L
- **Solids content:** 61 ( $\pm$  2) % in weight  
44 ( $\pm$  2) % in volume
- **Drying times:** Dustdry : 15 minutes  
(20°C – 65% R.H. – 40 micron) Tackfree :  $\pm$  15 minutes  
Complete film formation :  $\pm$  12 hours
- **VOC:** < 20 g/L  
Category A/g  
Norm 2010 <30g/L
- **Theoretical yield:** 12 m<sup>2</sup>/L for 40 micron dry  
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

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- **fungus:** first treat with **Fungex** (use: see technical data sheet)
- **old paints and varnishes:** first test on adherence and roughen up before painting
- on **mineral surfaces Hydrofond** will impregnate and seal the surface
  - This as good preparation before painting contaminated surfaces (water stains, glue residues, wood tannin, rust or nicotine stains) with Libert wall paints (e.g. **Romacryl Plafond**, **Libodur**, **Libomat** or **Acrylon**) or before finishing with glass fibre or wallpaper
- **powdering surfaces:** powdering or strong absorbing surfaces must first be fixated with **Aquafix**
- The surface must be completely dry (maximum 5% moisture content)

To know the appropriate preparation for a specific object, always consult your Libert Paints contact of dealer.

## Use

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- **apply:** with roller, brush or spray gun
- **dilute:** in the first layer on new surfaces, use tap water (5-10%) or **Aquafix** (10%)
  - When diluted with **Aquafix** in the first layer on new surfaces, the fixating power of **Hydrofond** is raised with preservation of an excellent applicability (flow, de-aeration...)
  - If the surface shows an unequal saturation, it is import to apply a second layer **Hydrofond** so that only one finishing coat is necessary. **Hydrofond** should always be coloured in the colour of the end coat so that finishing with one top coat is possible.
- **clean:** with tap water
  - In order to prevent problems of interlayer adherence (e.g. contamination), we recommend to apply the following dispersion coat within 5 days.

- **diluting table**

	Dilution: tap water
Roller	5 à 10%
Brush	5 à 10%
Spray gun	0 à 5%

As water thinnable primer on various surfaces, **Hydrofond** is repaintable with:

- all dispersions paints (**Resacryl**, **Romacryl Plafond**, **Libodur**, **Acrylon**, **Supermat Plafond**, **Acrylon Gloss** and **Libomat**)
- **Indicative recoatable times:**

Surface temperature	Min.	Max.
10°C	12 hours	7 days
20°C	5 hours	5 days
30°C	4 hours	3 days

➔ for as well inside as outside applications

➔ to avoid migration of the surface, wait at least 12 hours before repainting

## Application conditions

The surrounding temperature must be higher than 8°C and the relative humidity must be lower than 85%. These minimum conditions must be kept during the next 48 hours of drying and film formation.

## Storage stability

Minimum 2 years, stored in a dry environment (frost-free) at temperatures between +5°C and +40°C, in the original, unopened packing.

## 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](http://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.*