



Technical data sheet

PROTECTION MADE EASY

Hydroprim

Description and destination of the product

Hydroprim is a good adhering primer that is chosen by the professional painter because of its excellent qualities:

- **remarkable adhesion properties** on several substrates such as:
 - plaster
 - brick
 - wood
 - old paint layers
 - galvanisation
 - a lot of plastics
 - OSB-plates, etc.
- **quick drying, odourless, universal water thinnable primer** that **impregnates, fixates and seals**. Contaminations and discolorations such as stains of moisture, nicotine or wood tannins can be completely isolated thanks to its **unique resin combination**.
- **no migrations** as **Hydroprim** is a perfect barrier coat before finishing with topcoats such as **Libomat** or **Libodur**
- **very good hiding power** so that **Hydroprim** as a primer coat, can be coloured on the colour dispenser. Thus, a finishing coat can be saved
- can also be used inside as **coloured finishing coat**
- for outside applications **Hydroprim** can be recoatable with an appropriate finishing coat

This environmental friendly, time saving paint is the base for a perfect painting system!

Type of binder

Composition of acrylic resins.

Type of pigment

Silicates and titanium dioxide, talc and chalks.

Colour

White and many colours with the Monimatic colour dispenser.

Gloss

Softmat.

Technical data

- **Density:** 1,52 (\pm 0,05) Kg/L
- **Solids content:** 66 (\pm 2) % in weight
48 (\pm 2) % 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.
- **Drying times:** Dustdry : 5 minutes
(20°C – 65% R.H. – 40 micron) Tackfree : \pm 15 minutes
Recoatible : \pm 12 hours
- **VOC:** < 20g/L
Category A/g
Norm 2010 <30g/L
- **Washability:** Scrub class 1 (DIN 13300)
- **Theoretical yield:** 11 m²/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

- **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** **Hydroprim** will impregnate and seal the surface
 - This as good preparation before painting contaminated surfaces (water stains, glue residues, wood tannins, rust or nicotine stains) with Libert wall paints (e.g. **Softmat**, **Libodur**, **Libomat** or **Acrylon**) or before finishing with glass fibre or wallpaper.
- **wooden, plastic and mineral surfaces:** first clean the contaminated parts with the appropriate means (especially with excessive rust and nicotine stains)
- **highly powdering surfaces:** always first impregnate with **Aquafix**
- **old acrylic and latex paints:** first clean with an appropriate alkaline or detergent solution
- **salt depositions on galvanised surfaces:** remove with hard nylon brush and water
- 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

- **apply:** with roller, brush or spray gun
- **As 1° layer, ALWAYS dilute with water (5-10 %) or Aquafix (10 %)**
 - When diluted with **Aquafix** in the first layer on new surfaces, the fixating power of **Hydroprim** is raised with preservation of an excellent applicability (flow, de-aeration, ...)
 - **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, **Hydroprim** is repaintable with:

- all dispersions paints (**Resacryl**, **Softmat**, **Libodur**, **Acrylon**, **Supermat Plafond**, **Acrylon Gloss** and **Libomat**)
- **Hydroprim** as finishing coat
- **Indicative recoatable times:**

Surface temperature	Min.	Max.
10°C	1 day	7 days
20°C	12 hours	5 days
30°C	8 hours	3 days

- ➔ ALWAYS respect the indicative recoatable times !
- ➔ 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 1.5 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

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.