



Technical data sheet

PROTECTION MADE EASY

Acrylon

Description and destination of the product

Acrylon is a high qualitative outer wall paint, based on 100% pure acrylic resins, that is especially used as top coat for outside applications. It can also be used for inside applications.

Thanks to the choice of performing raw materials, **Acrylon** has the following excellent properties:

- very good resistance to fluctuating weather conditions and temperature changes (very flexible)
- very low water absorption (high resistance to rain impact)
- good water vapour permeability
- low tension of the film (resistance against detachment)

This makes **Acrylon** the best choice as outer wall paint in a growing aggressive environment and adapted to a very fluctuating weather climate with a quick succession of extremes in temperature and humidity. Moreover, **Acrylon** perfectly meets the colour trends in outer wall decoration thanks to a customer friendly colour mixing system.

Type of binder

100% pure acrylic dispersion

Colour

White and colours with the

Gloss

Satin: 11 (\pm 2%)

Technical data

- **Density:** 1.35 \pm 0.1 kg/l
- **Solids content:** 46 (\pm 2) % in volume
60 (\pm 2) % in gewicht
- **Drying times:** Dustdry : 30 minutes
Dry : 2 hours
Complete film formation : 12 hours
- **Whasability:** Scrub class 1: excellent (DIN 13300)

- **VOC:** < 30 g/l
Categorie A/c
Norm 2010 <40g/l
- **Theoretical yield:** 10 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

- **removal of fungus and algae:** *Fungex* is an active fungicidal and algicidal product (use: see technical data sheet) with an authorization number of the Federal Government (nr. 9884B)
- **remove impurities:** depending on the surface and the kind of contamination, clean with the appropriate means (e.g. brush dry, high pressure cleaning,...) **Important:** the wall must be dry before application of the paint!
- **new and/or powdering, not painted surfaces:** it is strongly recommended to treat the surface with *Surface Conditioner* before finishing with *Acrylon* (use: see technical data sheet). For powdering surfaces this is even indispensable!
- **existing paint layers:** must be sufficiently adhering before repainting. If not, remove with the appropriate means. Only paint on a stable and sound surface!
- **defects (e.g. cracks) which can induce water filtration:** open the defacement and repair with the appropriate products before painting. Always follow the recommendations of the supplier of fillers.

For the composition of a valuable paint system, the use of *Hydroprim* as filling primer is always recommended.

Repairs can be smoothed away with a coat of *Acrylon Filler MFR* (use: see technical data sheet).

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.
- **dilute:** in the first layer on new surfaces, use tap water (5-10 %)
- **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% |

Acrylon can always be finished with a same second *Acrylon* coat in order to obtain a nice smooth covering and coloured finishing.

- **Indicative recoatable times:**

| Surface temperature | Min. | Max. |
|---------------------|---------|--------|
| 10°C | 6 hours | 7 days |
| 20°C | 4 hours | 5 days |

| | | |
|------|---------|--------|
| 30°C | 3 hours | 4 days |
|------|---------|--------|

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.