



Acrylon Filler MFR

Description and destination of the product

Acrylon Filler MFR is a Micro Fibre Reinforced (MFR) 100 % acrylic paint, filled with quartz. Therefore it has the following properties:

- very good filling properties so that it is possible to close down the pores in cellular concrete, ytong ... (necessary for outer applications, food and pharmaceutical industry...)
- improved crack bridging properties thanks to the micro fibre enforcement
- **Acrylon Filler MFR** can be overcoated with various systems:
- classic acrylic systems (*Libodur, Resacryl, Acrylon*)
- waterborne epoxy systems (*Aquapox*) for applications in the food- and pharmaceutical industry

Acrylon Filler MFR can be applied with roller or airless sprayer.

Type of binder

100 % acrylic dispersion with internal adhesion promotor.

Type of pigment

Titanium dioxide, silicates, specific lamellar filler.

Colour

White (can be coloured with Monimatic)

Gloss

Mat

Technical data

- **Density:** 1.45 ± 0.05 g/cm³
- **Solids content:** 66 ± 2 % in weight
50 ± 2 % in volume
- **Drying times:** dustdry : 30 minutes
(20°C) dry : 2 hours
recoatable : 16 hours
- **VOC:** < 25 g/L

- **Theoretical yield:** 200 to 300 g/m² (on cellular concrete, ytong, ...)
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 to be painted must be clean and dry. Dirt and impurities can be removed with high pressure water. If fungi, algae and mosses are present, the surface must first be treated with **Fungex** (use: see technical data sheet), followed by a thorough cleaning.

Use

Powdering and very hungry substrates must first be fixated with **Aquafix**.

On ytong and cellular concrete:

First apply one coat **Aquafix** ± 300 g/m²

After 15 minutes **Acrylon Filler MFR** can be applied:

- by roller: apply 200-300 g/m² undiluted (**preferably 2 passages with a waiting time of 15 minutes between the 2 passages**)
- by airless: spray undiluted (with for example type Superfinish 31, Prospray 31 of Wagner). **Preferable spray crossways with short intervals to avoid running down of the paint. It is recommended to roll again in order to obtain a smooth coating.**

Nozzle: 0.026 inch without filter

Spraying tip: 421

Pressure: 180-220 bar

After minimum 16 hours **Acrylon Filler MFR** can be finished with classic acrylic systems (**Resacryl, Acrylon, Libodur...**) and other waterborne systems (**Aquapox ...**).

When the coating is finished with **Aquapox** or **Resacryl** (in 2 coats) the yield is ± 200 to 250 g/m² (in 2 coats).

Application conditions

The surrounding temperature must be at least 5°C while the air humidity may not be higher than 85 %.

Storage stability

Minimum 1.5 years in the original, unopened packing, stored in a frost-free 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.