

Technical Information Sheet
Article No. 3266

Aqua FG-401-Filling Primer

Transparent, water based filling primer for varnishing work in interior areas

Range of use

Aqua FG-401 Filling Primer is used for wood and wooden materials in interior finishing work. When combined with Aqua H-480 Hardener, it can also be used for sealing MDF substrates and as a filler beneath high gloss varnishes.

Property profile

Aqua FG-401 Filling Primer is a clear primer with good filling and sanding properties for refining building elements made of MDF and wood in interior areas. A very good sealing effect is achieved by adding 10% Aqua H-480 Hardener.

Directions

Aqua FG-401 Filling Primer is applied in a spraying procedure using airless or air-mix equipment. When worked with a flow cup gun, 2-5% water can be added. The wood must be dry, clean and free of grease and wax. Wash off fatty and resin-rich wood with V 890 Thinner (Art. No. 1955). Depending on the substrate, sanding is carried out with 150-180 grit sandpaper. Remove dust afterward and begin coating work. Stir the contents of the container well before using.

Characteristic data of the product

Density:	1.03 +/- 0.05 g/cm ³ at 20 °C
Viscosity:	100-120 s in a 4 mm flow cup at 20 °C
Binder:	acrylate polymer
Packaging:	5 l and 20 l tin containers
Colour:	clear

Flow cup gun:

- Nozzle size 1.8 mm
- Air pressure 2-3 bar

Airless varnishing equipment:

- Nozzle size 0.23 -0.28 mm
- Material pressure 80-120 bar

Air-mix varnishing equipment:

- Nozzle size 0.23-0.28 mm
- Material pressure 80-100 bar
- Air pressure 1.2-2.0 bar

Special notes when working with hardener:

- Aqua H-480 Hardener should always be added while stirring
- Use the Remmers Patent Dispenser (Art. No. 3806) for mixing
- The pot-life of the mixture is max. 4 hours

Check compatibility with the substrate by setting up a trial coating.

Notes

To achieve the best results, ambient temperature and the temperature of the varnish should not be below 16 °C (optimal temperature range = 20-30 °C). Before coating the object being coated should be conditioned to approx. 20 °C. Relative humidity should range between 45-55% and wood moisture 8-12 %.

Tools, cleaning

Clean tools immediately after use with water and RK-893 Cleaning Concentrate (Art. No. 3868).

Application rate

Approx. 120 to 150 ml/m²

Drying

Dust dry:	approx. 1 hour
Sanded after:	approx. 2 hours
Stacked after:	approx. 5 hours

Practice values at 20 °C and 65% relative humidity. Lower temperatures and higher humidity delay drying. An increased air exchange rate accelerates drying.

Thinning

If necessary with 2-5% water.

Shelf-life

At least 6 months in unopened, original containers stored dry and frost-free.

VOC content

EU limit value for the product (Cat. A/e): 130 g/l (2010).
This product contains max. 90 g/l VOC.

Safety data

Take the usual precautionary measures when working and for storage. A Safety Data Sheet is available upon request for professional users.

Product Code: M-GF01

Disposal

Dispose of product remains according to valid regulations. Completely empty containers should be recycled.

Ecology

Do not lead into aquatic environments, the sewer system or the ground.

Water hazard class (WGK): 1

Labelling

Regulations on hazardous substances: n.a.
GGVSE/ADR: n.a.

The statements above are compiled from our field of production and according to the latest technological developments and application techniques.

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