
# Aqua PF-430 Pigment Filler [iac]

Single-component, easy-to-sand pigment filler with indoor air cleaning effect

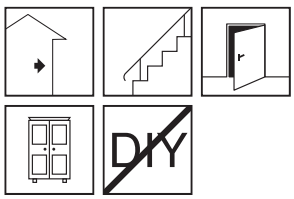
| Colour | Availability | | |
|---|---|---|---|
| | Quantity per pallet | 96 | 22 |
| | **Size / Quantity** | **5 l** | **20 l** |
| | Type of container | Tin bucket | Tin bucket |
| | Container code | 05 | 20 |
| | **Art. no.** | | |
| white | 3265 | ■ | ■ |
| pure white (RAL 9010) | 3269 | ■ | ■ |
| special light colours* | 3267 | ■ | ■ |

*on request

## Application rate

120-150 ml/m² per coat


## Range of use




- Preparing opaque, pigmented varnishes
- Solid wood and wood-based materials
- Furniture and interior finishing work
- Shop fitting and trade fair stands
- Colour varnish for use in combination with clear coating (for components of secondary importance)
- Promotes adhesion on glass-fibre reinforced plastics
- For use by professionals

## Property profile


- Indoor air cleaning [iac]: reduces the formaldehyde content in indoor air
- Single-component: simple and economical handling
- Excellent filling and hiding power
- High stability
- Quick-drying
- Low odour
- Excellent sanding properties
- Fire resistant
- Lightfast

## Characteristic data of the product

| | |
|---|---|
| Binder | Acrylate dispersion |
| Density (20 °C) | Approx. 1.45 g/cm³ |
| Odour | Mild |

The values stated represent typical characteristic data of the product and are not to be understood as bindin product specifications.

## Certificates

- EC type examination certificate, module B (IMO certification)
- VOC emissions test: formaldehyde reduction
- Klassifizierung des Brandverhaltens gemäß DIN EN 13501-1 (B-s1, d0)
- French VOC Emission Test

## Possible system products

- Aqua TL-412 Stair Varnish (2372)
- Aqua CL-440 Colour Opaque (3802)
- PUR CL-240 Colour Varnish (1965)
- Aqua V-490 Retarder (1939)
- UMA-824 Universal Metal Adhesion Additive (3249)
- Aqua CL-445 Colour Opaque 4 in 1 (3796)

## Preparation

### Substrate requirements

The substrate must be clean, dry, free of dust, grease and loose substances, and prepared in the correct manner.
Wood moisture content: 8-12%

### Substrate preparation

Wash off greasy or resin-rich woods/substrates with WV-891 or V-890.
Softwoods: sand with P 80 - 120.
All other substrates: sand with P 180 - 320.
For woods rich in coloured substances (e.g. oak, hevea, ash), use Aqua IF-431-1K Sealing Filler.

## Directions


### Conditions for use

Temperature of the material, air and substrate: from min. +18 °C to max. +25 °C.

Stir well.
Spray.
Airless spraying: nozzle size: 0.23 - 0.28 mm, material pressure: 80 - 120 bar.
Airmix spraying: nozzle size: 0.23 - 0.28 mm, material pressure: 80 - 100 bar, atomiser air pressure: 1.2 - 2 bar.
Flow cup gun: nozzle size: 2.0 - 2.5 mm; atomiser air pressure: 2.0 - 3.0 bar.
Once dry, carry out intermediate sanding with P 240-320.
Repeat the process if necessary.
Intermediate and final coats of suitable products can be applied after drying.
Seal opened containers well and use contents as soon as possible.

## Tips on use


Check colour, adhesion and compatibility with the substrate by setting up a trial area.
Before coating technically modified woods and wood-based materials, apply the coating to a trial surface and conduct a suitability test on the desired area of use.

### Drying

Dust-dry: after approx. 45 minutes
Can be overcoated: after approx. 2 hours
Can be stacked: after drying overnight

Final coat of PUR CL-240: after drying overnight
Practice values at +20 °C and 65% relative humidity.
Low temperatures, poor ventilation and high humidity delay drying.

**Thinning**
Ready to use; if necessary dilute with max. 5% water.

## Notes

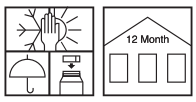
The indoor air cleaning effect has been independently tested and lasts for several years. The duration depends on the room conditions, air exchange rate, application quantity, formaldehyde concentration in the indoor air, and the wooden elements being coated. Applying a finishing coat over the product does not impair its effectiveness. The formaldehyde is irreversibly bound and no re-emission occurs. Dried varnish films do not differ from conventional coating materials in the following aspects: PPE during sanding, health risks of contact with the varnish, and disposal.
Relatively simple surfaces (e.g. inside faces of cabinets, stair components) can be coated with a clear topcoat such as Aqua TL-412 Stair Varnish directly after priming with Aqua PF-430 Pigment Filler.
The product can also be produced in light colours (based on RAL). Please note that the information given is approximate: RAL1013, RAL1014, RAL1015, RAL3015, RAL6019, RAL7035, RAL7038, RAL7044, RAL7047, RAL9001, RAL9002, RAL9010, RAL9016, RAL9018. Other colours are available upon request. For intensive full-tone colours, we recommend using Aqua VTF-435 Full Tone Filler.
Please refer to the relevant test reports/certificates and the Technical Data Sheet for information on certified products and configurations.

## Tools / Cleaning

Airless/Airmix spraying equipment, flow cup gun

Clean tools with water or Aqua RK-898 Cleaning Concentrate immediately after use.

## Storage / Shelf life




If stored unopened in its original container in a cool, dry place and protected against frost, the product will keep for at least 12 months.

## Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.

## Personal protective equipment

Respiratory protection with at least an A/P2 combination filter must be worn during spraying, together with safety goggles. Wear suitable protective gloves and clothing.

## Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

VOC content as per the "Decopaint" Directive (2004/42/EC)

EU limit value for the product (cat A/d): max. 130 g/l (2010).
This product contains < 130 g/l VOC.

VOC
Kat. A/d
2010: 130g/l
max.: 130g/l

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.