



Aqua PF-430 Pigment & Sealing Filler [iac]

Single-component, easy-to-sand pigment filler with low flammability and indoor air cleaning effect - with Aqua VGA-485 as sealing filler

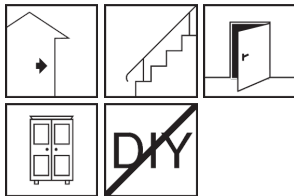


Colour	Availability		
	Quantity per pallet	96	22
	Size / Quantity	5 l	20 l
	Type of container	Tin bucket	Tin bucket
	Container code	05	20
	Art. no.		
white	3265	■	■
pure white (RAL 9010)	3269	■	■
special light colours*	3267	■	■
*on request			

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
- Wood types with high levels of active substances & wet rooms (in combination with Aqua VGA-485)
- 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
- Very good build, stability and opacity
- Dries quickly and is very easy to sand
- Low odour
- Fire behaviour according to DIN EN 13501-1: B-s1,d0 on suitable substrates
- Suitable for interior finishing of ships (IMO)
- Lightfast
- 2K ready: the sealing effect can be further enhanced by adding 2% Aqua VGA-485 (isocyanate-free)

Characteristic data of the product

Binder	Acrylate dispersion
Density (20 °C)	Approx. 1.45 g/cm ³
Odour	Mild

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

Certificates

- **French VOC emission test**
- **Declaration of conformity (Marine Equipment Directive)**
- **VOC emission testing: formaldehyde reduction**
- **Fire behaviour classification in accordance with DIN EN 13501-1 (B-s1, d0)**

Additional information

- **Sustainability data sheet**
- **Application instructions for 2K-Ready Aqua coating systems**



Possible system products

- Aqua VGA-485 Cross-Linking Agent & Glass Lacquer Additive (3256)
- Aqua CL-440 Colour Opaque (3802)
- Aqua CL-445 Colour Opaque 4 in 1 (3796)
- Aqua TL-412 Stair Varnish (2372)
- PUR CL-24X colour varnishes
- Aqua V-490-Retarder (1939)
- UMA-824 Universal Metal Adhesion Additive (3249)

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. Use UN-894 indoors on the construction site. Ensure good ventilation for solvents.

Softwoods: sand with P 80 - 120.

All other substrates: sand with P 180 - 320.

Production of the mixture

■ **Mixing**

When working with admixtures and additives, please read the Technical Data Sheet for the system product.

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 2.5 mm, atomizer 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 product to a trial surface and conduct a suitability test on the desired area of use.

In damp room applications and on wood with a high concentration of active substances, the sealing effect can be significantly increased by adding Aqua VGA-485.

Mixtures with Aqua VGA-485 can mature/increase in viscosity within a few days.

For an optimum sealing effect, apply two coats of primer to wood types with high levels of active substances:

In some cases, wood types such as hevea, kambala/iroko, acacia should be sealed with Aqua AG-26.

Aqua AG-26 should be used for coatings that emphasise pores.

■ **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-24X: after drying overnight

Drying overnight improves the sealing effect

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.
 For applications in accordance with the Marine Equipment Directive, the maximum wet application quantity is 3 x 150 µm.

Tools / Cleaning

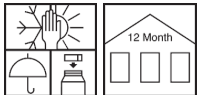
Airless/airmix spraying equipment, flow cup gun



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.