

# Healthy living – reducing formaldehyde

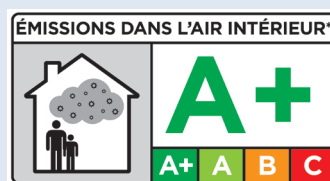
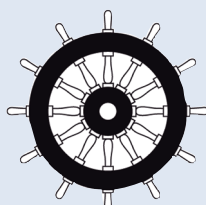
Aqua PF-430 Pigment Filler [iac]



# Aqua PF-430 Pigment Filler [iac]

## product characteristics

- Actively cleans the indoor air
- One-component product: easy to use and effective
- 1K pigment filler with excellent sandability
- Very good filling capacity and hiding power
- For professional users
- High stability and rapid drying
- Greater reliability for satisfied customers
- Low odour, low flammability, lightfast



0736/2019  
USCG Nr..  
164 112/EC0736/116531 00

# Reducing formaldehyde levels in the indoor air

For an intelligent solution from Remmers for creating a healthy living environment, look no further than the new and improved version of the highly successful Aqua PF-430 Pigment Filler, which can be used as an opaque coating on interior wood.

## What is formaldehyde?

Formaldehyde is a colourless gas with a pungent odour. The formaldehyde content in indoor air, in other words in living spaces, is often much higher than outdoors. In the EU, formaldehyde is classified as a “presumed human carcinogen” and can be found in a great many everyday products.

## The main sources of formaldehyde

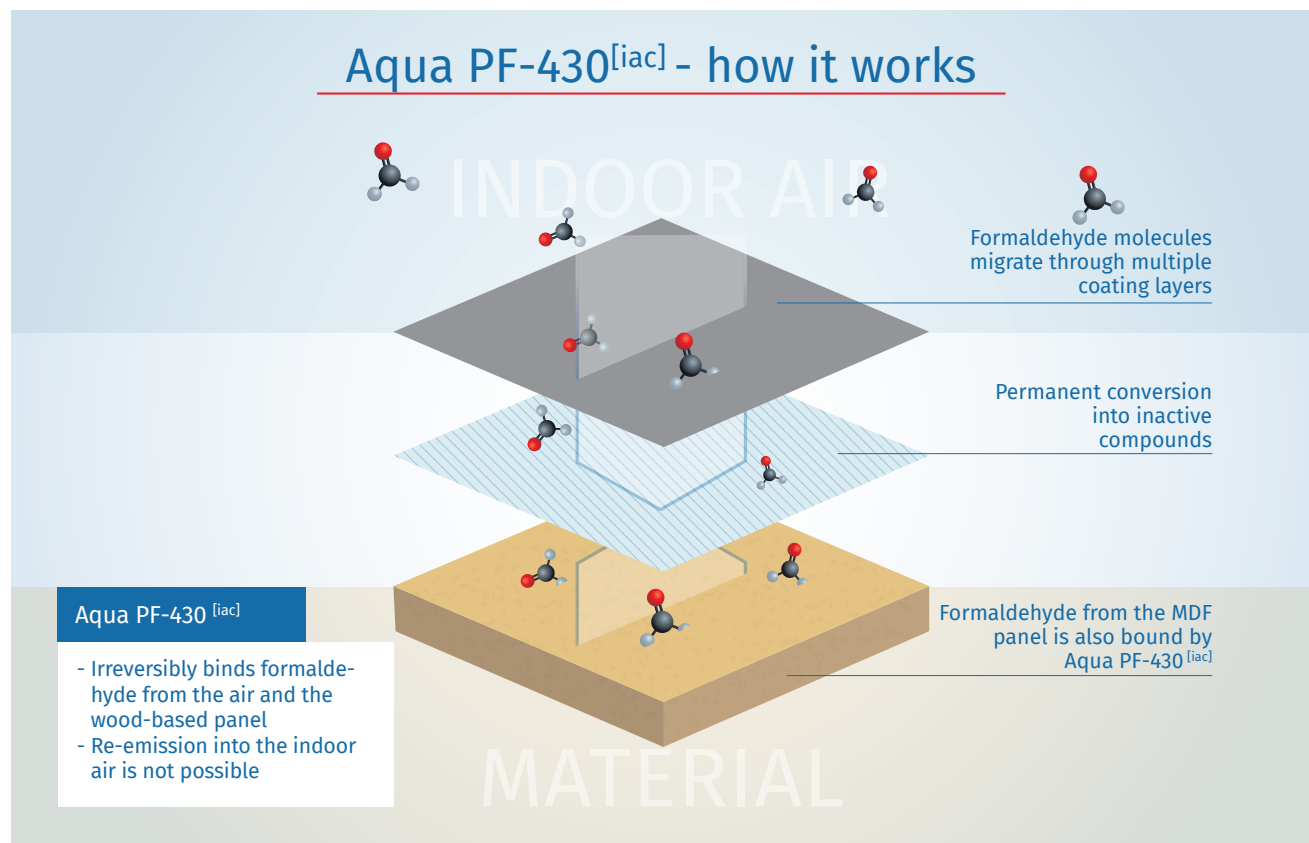
The main emitters of formaldehyde are wood building materials, insulating foam, mineral wool, textiles and carpets, cigarette smoke, disinfectants and cosmetics.

## What does formaldehyde do?

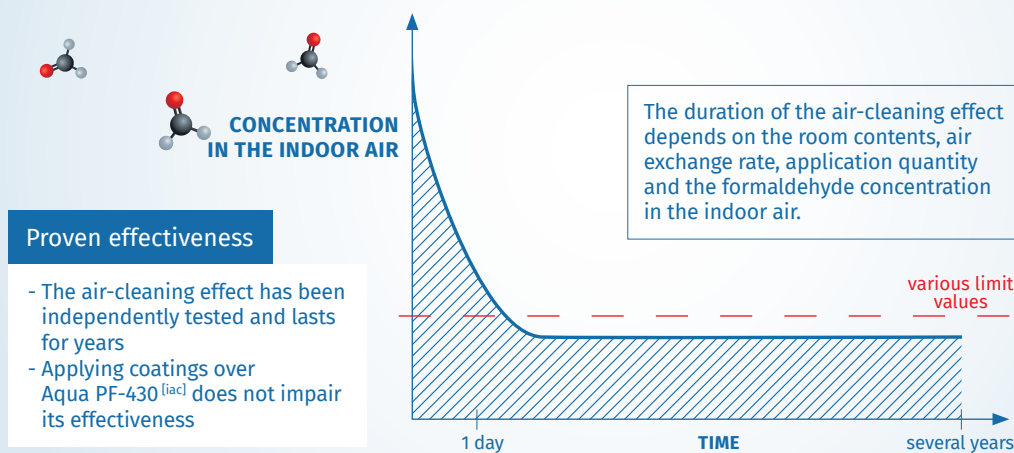
When the formaldehyde emissions from all these sources are added together, they often exceed the permitted threshold values. Formaldehyde is harmful to health. In addition to being classified as a “presumed human carcinogen”, it can also cause allergies, irritation of the eyes and respiratory system, headaches, nausea and impaired concentration.

## Reducing formaldehyde with Aqua PF-430 [iac]

The formaldehyde-binding sprayable filler Aqua PF-430 [iac] with indoor air cleaning technology significantly reduces the formaldehyde content in the indoor air. Aqua PF-430 [iac] binds formaldehyde and prevents it from being re-emitted into the air.



## Effect over time



## The benefits at a glance

- Permanently reduces the concentration of formaldehyde in the indoor air
- For wooden elements coated with Aqua PF-430 [iac], it is possible to achieve a permanent reduction in emissions
- Any type of topcoat can be applied over the sprayable filler (e.g. coloured varnish); formaldehyde molecules are small enough to migrate through several coating layers
- Formaldehyde is irreversibly bound; re-emission into the indoor air is not possible
- The effectiveness of Aqua PF-430 [iac] has been independently tested and lasts for years (the duration of the air-cleaning effect depends on the size of the coated surface in relation to the volume of the room, as well as on the air exchange rate and the application quantity)
- Dried coating films behave just like conventional coating materials in terms of the need for respiratory protection when sanding, and the requirements for proper handling and disposal

# Aqua PF-430 Pigment Filler [iac]

Easy-to-sand 1K pigment filler with indoor air cleaning effect

Range of use:	<ul style="list-style-type: none"> <li>■ Preparing opaque, pigmented varnishes</li> <li>■ Solid wood and wood-based materials</li> <li>■ Furniture and interior finishing work</li> <li>■ Shop fitting and trade fair stands</li> <li>■ Colour varnish for use with clear coating (for lower-grade components)</li> <li>■ Promotes adhesion on glass-fibre reinforced plastics</li> </ul>
Property profile:	<ul style="list-style-type: none"> <li>■ Indoor air-cleaning [iac]: permanently reduces the formaldehyde content in the indoor air</li> <li>■ Single-component: simple and economical handling</li> <li>■ Excellent filling and hiding power</li> <li>■ High stability</li> <li>■ Quick-drying</li> <li>■ Low odour</li> <li>■ Excellent sanding properties</li> <li>■ Fire resistant</li> <li>■ Lightfast</li> </ul>
Certificates/ test standards:	<ul style="list-style-type: none"> <li>■ EC type examination certificate, module B (IMO certification)</li> <li>■ VOC emissions test: formaldehyde reduction</li> </ul>
Application/ tips on use:	<ul style="list-style-type: none"> <li>■ Airless spraying: nozzle size: 0.23 - 0.28 mm, material pressure: 80 - 120 bar</li> <li>■ Airmix spraying: nozzle size: 0.23 - 0.28 mm, material pressure: 80 - 100 bar</li> <li>■ Flow cup gun: air pressure: 1.2 - 2.0 bar nozzle size: 2.0 - 2.5 mm; air pressure: 2.0 - 3.0 bar</li> </ul>
Application rate:	Approx. 120 - 150 ml/m <sup>2</sup> per coat
Overcoating:	After approx. 2 hours (practice values at 20 °C and 65% RH) Dust-dry: after approx. 45 minutes

Quantity per pallet	96	22
Packaging unit	5 l	20 l
Container code	05 Tin bucket	20 Tin bucket
Art. no.		
3265	white	■
3269	pure white (RAL 9010)	■
3267	special light colours*	■



System products	Art. no.
Aqua TL-412	(2372)
Aqua CL-440	(3802)
PUR CL-240	(1965)
Aqua V-490	(1939)
UMA-824	(3249)
Aqua CL-445	(3796)



0736/2019  
USCG-Nr.:  
164.112/EC0736/116531-00

\* upon request



Find your local contact

**Remmers GmbH**

Bernhard-Remmers-Straße 13  
49624 Lönigen, Germany  
+49 (0) 54 32/83-0  
[www.remmers.com](http://www.remmers.com)

2071/02.20

Subject to change. The current version of the applicable Technical Data Sheet is relevant for legal matters. Colour variations are possible. Global contacts: [www.remmers.com/remmers-worldwide](http://www.remmers.com/remmers-worldwide)