



Rofalin Acrylic Plus

Weather protection paint with a film preserver for wood and other substrates in outdoor areas

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 (RAL 9016)	2329	■	■
special colours*	2328	■	■
*Minimum order 5 l			

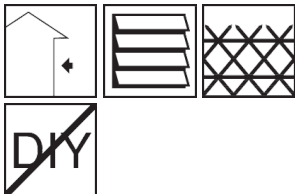
Application rate

Approx. 80 - 100 ml/m² per coat
If pre-treated with Aqua AG-26 Universal Primer (for light colours): 1 x 100 ml/m²



See application examples for substrate-specific set-up

Range of use



- For use on exterior wood
- Wood building elements with limited dimensional stability, e.g. folding shutters, matchboarding, summerhouses
- Wood building elements with no dimensional stability: e.g. fences, framework, carports, planking
- Many other different substrates
- Zinc roof gutters and zinc sheet metal
- Do not apply to freshly impregnated wood. Observe fixation time.
- For use by professionals

Property profile



- Highly opaque
- Film preserver protects against mould and algae
- Does not flake
- Alkali-resistant, including when used on mineral substrates
- Weatherproof and moisture-regulating
- Low solvent, environmentally compatible, mild odour
- Quick drying
- Scrub-proof
- All colours are mixable with one another
- Brilliant, pure, intensive colours have a lower hiding power due to their pigments. We recommend fully pre-coating such areas with a matching coloured primer if using critical colours.

Characteristic data of the product

Viscosity (20 °C)	approx. 2800 mPa s
Odour	weak, characteristic
Degree of gloss	mat

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

Possible system products

- [Aqua IG-15 Impregnation Primer IT* \(7145\)](#)
- [Induline SW-910 \(3777\)](#)
- [Aqua AG-26 Universal Primer \(7147\)](#)
- [Aqua OZA-90 Open Time Additive \(5320\)](#)
- [Aqua HSL-35/m Premium Wood Protection Stain 3in1* \(7120\)](#)
- [Primer Hydro HF \(0725\)](#)
- [Sealing Primer \(3440\)](#)

*Use biocidal products carefully.
Always read the label and product information before use.



Preparation

- Substrate requirements
Wood building elements with limited or no dimensional stability: wood moisture content max. 18%
- Substrate preparation
Thoroughly remove any dirt, grease and non-adhering old coatings.

Wood substrates:

Sand grey and weathered wood surfaces down to sound, bright wood.
Remove loose and torn knots as well as resin that bleeds and clean with a suitable product (e.g. thinner & brush cleaner).
Exterior wood that is to be protected against rot and blue stain and/or wood-destroying insects should be pre-treated with a suitable wood preservative* [see system products]. (*Use biocides safely. Always read the label and product information before use.)
Observe BFS Code of Practice No. 18 "Coatings on Wood and Wooden Working Materials in Outdoor Areas".
To prevent bleeding of substances in the wood, apply a primer coat of Aqua AG-26 Universal Primer when using this product in white or light colours.
To avoid bleeding of substances in the wood into adjoining building elements (e.g. infilling in framework areas), treat the wood all round.
Old weathered carbolineum coatings can only be coated with dark colours. Always test first with a trial coating.

Zinc (galvanised steel):

Clean with an ammonium-based wetting agent, using an abrasive pad. Observe BFS Code of Practice No. 5.
Pre-treat with Aqua AG-26 Universal Primer if the substrate is exposed to increased mechanical stresses.

Mineral substrates:

Substrates should be prepared in accordance with the guidelines for scrub-proof and weather-resistant dispersion paints (DIN 53778).
Thoroughly remove algae and moss from old fibrated cement surfaces. Allow the substrate to dry fully.
Repair damaged render.
Set up a trial area to test whether the product can be used to rework old oil-based coatings.

Directions



- Conditions for use
Temperature of the material, air and substrate: from min. +5 °C to max. +25 °C.
- Stir well and apply quickly using a brush or roller.
Observe the waiting times between coats.
See application examples for substrate-specific set-up.

Tips on use

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.
If using white or light colours, apply 2 primer coats of Aqua AG-26 Universal Primer.
The colour shown on the sample does not appear until the material has dried.
Paint-on-paint contact, e.g. stacking, should be avoided.
Do not use on wood impregnated with boron salts.

- Drying
2 - 4 hours at 20 °C and 65% relative humidity.
Exterior wood should be protected from rain for at least 4 hours after coating (danger of washing off).

Low temperatures, poor ventilation and high humidity delay drying.
- Thinning
Dilute with water if necessary.

Application examples

Application examples	Impregnation	Primer coat	Intermediate coat	Finishing coat
Wood substrates: Untreated wood, old weathered wood substrates, renovation coats on dispersion paints, varnishes and wood preservation stains	If necessary, using Aqua IG-15 Impregnation Primer IT (in outdoor areas only)	Aqua AG-26 Universal Primer or Rofalin Acrylic Plus	Aqua AG-26 Universal Primer or Rofalin Acrylic Plus	Rofalin Acrylic Plus
Zinc (galvanised steel): Zinc, galvanised steel and rigid PVC, renovation coats on old coatings	--	Aqua AG-26 Universal Primer	Rofalin Acrylic Plus	Rofalin Acrylic Plus
Mineral substrates: Fibre-reinforced cement	--	1-2 x Primer Hydro HF	Rofalin Acrylic Plus	Rofalin Acrylic Plus



Fair-faced concrete, non-porous concrete	--	Primer Hydro HF	Rofalin Acrylic Plus diluted with 10% water	Rofalin Acrylic Plus
Old renders, exterior (sanding renders, stable renders)	--	Primer HF	Rofalin Acrylic Plus diluted with 10% water	Rofalin Acrylic Plus
Renovation coats on stable old dispersion paint coats, synthetic renders	--	--	Rofalin Acrylic Plus diluted with 10% water	Rofalin Acrylic Plus

Notes

On planed larch and softwoods with a high resin content, the coating may have reduced adhesion and resistance to weathering. This is especially the case on horizontal year rings, knots and areas of winter growth that are high in resin. Maintenance and renovation must be carried out more frequently on these surfaces. The only remedy for this is pre-weathering or very coarse sanding (P80). If these wood types are rough-sawn, considerably longer maintenance and renovation intervals are to be expected. Observe the regulations concerning design principles for wood protection. Do not use on horizontal surfaces without drainage slopes and without edge radius, avoid accumulated moisture.

Tools / Cleaning

Paintbrush with acrylic bristles, flat brush, foam roller

Clean tools immediately after use with water and detergent. Ensure that any residue from cleaning is disposed of correctly.



- Remmers tools
- Flächenstreicher (4540)
 - Farbrolle FC (4913)
 - Rollerbügel (4449)
 - Epoxy Roller (5045)
 - Nylon Roller Standard (5066)
 - Heizkörperpinsel (4541)

Storage / Shelf life

At least 36 months in unopened, original containers stored cool, dry and protected from frost.



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.

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.

Biocidal Products Regulation

Contains as "treated goods" a biocidal product (film preservative) with the biocidal active agent 2-octyl-2H-isothiazol-3-one, pyriithione zinc and terbutryn to protect the film from contamination by microbial organisms (algae, mould etc.). Always follow the directions carefully!

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.