



Technical Data Sheet Art. No. 2330

Rofalin Acrylic

Weather protection paint on an acrylate base for wood and other substrates in outdoor areas



Water based



For use indoors and outdoors



For building elements with limited dimensional stability



For building elements with no dimensional stability



Brush/roller / airless/airmix spraying



Stir well before using



Drying time, worked over after 4 hours



Working temperature
+30 °C
-15 °C



Application rate per coat



Shelf-life



Store frost-free and cool / protected from moisture / in closed containers

Range of use

Rofalin Acrylic can be used indoors and outdoors on new and old wood. It is particularly suitable for renovating old, already coated surfaces and can also be used on render, masonry work, concrete, weathered fibrated cement, zinc roof gutters, zinc sheet metal and many other substrates.

When applied to chairs, banks, etc. an additional protective topcoat must be applied to prevent abrasion of pigments.

Property profile

Rofalin Acrylic is an environmentally friendly, protective paint on a pure acrylate base with lightfast pigments for wood and other substrates.

Characteristic data of the product

Density:	approx. 1.15 g/cm ³ - 1.24 g/cm ³ at 20°C
Viscosity:	approx. 2700 mPa s at 20°C
Odour:	weak, characteristic
Packaging:	0.75 l; 2.5 l; 5 l; 10 l and 20 l tin containers
Colours:	2330 RAL 9016 white 2332 grey 2334 dark brown 2336 black 2343 special colours

Rofalin Acrylic is easy to apply, protects the substrate for many years and is low solvent. The properly applied, elasticised coating does not peel even under extreme weather conditions and is driving rain tight, lightfast and weather resistant, fast drying, low odour, matt and scrub-proof pursuant to DIN 53778.

Rofalin Acrylic also has very good hiding power.
Sd value: 0.3 m with an application rate of 200 ml/m².

Directions

Normally, two coats of undiluted Rofalin Acrylic are applied by brush, roller or with airless spray-

ing equipment. On highly absorbent substrates, the first coat should be thinned with 10% water. Wood in outdoor areas should always be pre-treated with a wood preservative (e.g. Remmers Wood Preservative Primer*). The substrate must be dry and load-bearing. The penetration of moisture from behind must be ruled out. Repair any cracks according to valid rules of the trade.

To prevent coloured substances in the wood from bleeding through the paint when white or light shades of Rofalin Acrylic are used, prime first with 2 coats of Remmers Sealing Primer. When coating, observe the BFS Code of Practice No. 18 "Coating wood and wooden working materials in outdoor areas".

Metal

Aluminium:

The surface must be clean and free of oil and grease; carry out intermediate sanding (clean with V 101 Thinner)

Primer coat: Rofalin Acrylic
Finishing coat: Rofalin Acrylic
Observe BFS Code of Practice No. 6 "Coatings on building elements made of aluminium"!

Zinc (galvanized sheet metal):

First coat: The surface must be clean and free of oil and grease. Apply two coats of undiluted Rofalin Acrylic. Observe BFS Code of Practice No. 5 "Coating zinc and galvanized sheet metal"!

Fibrated cement

After 6 months of weathering, clean the surface (brush off).
Primer: Primer SV
Intermediate coat: Rofalin Acrylic
Finishing coat: Rofalin Acrylic

Framework

Pre-treat new and old wood elements in outdoor areas with Remmers Wood Preservative Primer* or Impregnation Primer GN* pursuant to DIN 68800-3.

Clean surfaces rendered with lime mortar and prime with Deep Primer.

Primer coat: Rofalin Acrylic
Finishing coat: Rofalin Acrylic
Wood elements: two coats of Rofalin Acrylic

Wood

For example: cladding, wood building elements, shingle facades, framework, etc.

First coat: Remmers Wood Preservative Primer* or Impregnation Primer GN* (only required in outdoor areas)

Intermediate coat: Rofalin Acrylic before built in place
Finishing coat: Rofalin Acrylic

To prevent coloured substances in the wood from bleeding through the paint when white or light coloured Rofalin Acrylic is used, prime first with 2 coats of Remmers Sealing Primer.

Renovation: Clean surface, remove non-adhering coatings. For protection, prime exposed wood surfaces in outdoor areas with Remmers Wood Preservative Primer* or Impregnation Primer GN*.

Primer coat: Rofalin Acrylic
Finishing coat: Rofalin Acrylic

Renders, exterior and interior

Exterior renders:

Air-dry hydraulic render, lime cement and cement render, mortar group II and III:

First coat on new render:

Prime with Remmers Impregnation Primer

Primer coat: Rofalin Acrylic thinned with up to 10% water
Finishing coat: undiluted Rofalin Acrylic

First coat on old render:

Clean the surface, pre-treat sanding renders with Remmers Deep Primer

Primer coat: Rofalin Acrylic thinned with up to 10% water
Finishing coat: undiluted Rofalin Acrylic

Renovation:

On old dispersion paints, polymer renders, oil based paints and lacquers. Clean the surface to be

coated, remove loose, non-adhering material, repair damaged render and pre-treat chalking coatings with Remmers Deep Primer.

Primer coat: Rofalin Acrylic thinned with up to 10% water
Finishing coat: undiluted Rofalin Acrylic

Interior renders:

Lime mortar render, fair-faced masonry work

First coat:

Primer coat: Rofalin Acrylic thinned with up to 10% water
Finishing coat: undiluted Rofalin Acrylic

Renovation:

Clean surface to be coated. Wash off distemper and for extra safety treat with Remmers Deep Primer or with Remmers Deep Primer W.
Primer coat: Rofalin Acrylic thinned with up to 10% water
Finishing coat: undiluted Rofalin Acrylic

Gypsum renders

Primer coat: Remmers Deep Primer or, as an alternative, Remmers Deep Primer W
Intermediate coat: Rofalin Acrylic
Finishing coat: Rofalin Acrylic

Wallpaper

Rough-fibre, etc.: One to two coats Rofalin Acrylic. The surface texture is evenly highlighted.

Masonry work, interior

Sand-lime brick (interior):

First coat:

Clean substrate, remove loose material; prime chalking, dry surfaces with Remmers Silicate Primer D.
Primer coat: Rofalin Acrylic thinned with up to 5% water
Finishing coat: undiluted Rofalin Acrylic

Renovation:

Clean the surface, remove non-adhering coatings.
Primer coat: Rofalin Acrylic thinned with up to 10% water

Finishing coat: undiluted Rofalin Acrylic

Alternative: If the existing coating is sound, one coat of undiluted Rofalin Acrylic suffices.

Masonry work, interior:

First coat:

The substrate must be clean, dry and free of efflorescence

Primer coat: Rofalin Acrylic thinned with up to 10% water

Finishing coat: undiluted Rofalin Acrylic

Renovation coat:

Clean the surface and remove non-adhering material. Apply one to two coats of undiluted Rofalin Acrylic.

*Use wood preservatives with care. Always read the label and product information before using.

Drying

Practice values at 20 °C and 65 % relative humidity

Dust dry: approx. 30 minutes

Touch dry: approx. 1 hour

Coated over: approx. 4 hours

Low temperatures and high humidity delay drying. The coating film is fully cured after 2 weeks.

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

Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet. Any statements made beyond the contents of this information must be confirmed in writing by the producer.

In all cases, our general conditions of sale are valid. With the publication of this Technical Information Sheet all previous editions are no longer valid.

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Notes on working

The true colour only results after drying. Wood in outdoor areas should be protected from rain for at least 4 hours (danger of washing off). Do not use if the temperature of the object is below 5 °C or in strong sunlight.

Cleaning tools

Clean tools with water and a detergent.

Packaging, application rate, shelf-life

Packaging:

0.75; 2.5; 5; 10 and 20 l tin cans.

Application rate:

Depending on the substrate 0.08 - 0.1 l/m² per coat

Shelf-life:

At least 12 months stored cool and frost-free in closed, original containers

Composition

Acrylate, TiO₂, iron oxides, silicates, white spirit, glycols, water, MIT (methylisothiazolinone).

Advice for people allergic to isothiazolinone can be obtained by calling +49 (0)5432-83138.

VOC content

EU limit value for the product (Cat. A/d): 130 g/l (2010).

This product contains max. 30 g/l VOC.

Safety data

Product contains 5-chlor-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one; 1,2-benzisothiazol-3(2H)-one.

May cause allergic reactions.

A Safety Data Sheet is available upon request.

Take the usual protective measures when working and for storage.

Disposal

Dispose of larger quantities of leftover product in the original container in compliance with valid regulations. Completely empty containers should be recycled. Do not dispose of together with household waste. Do not allow to reach the sewer system.

Labelling (1272/2008/EC)

Water hazard class (WGK): 1
ADR: n.a.

Product Code

M-DF02

The logo for Remmers, featuring a red roof-like shape above the word "remmers" in a blue, lowercase, sans-serif font.

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