

Technical Information Sheet Article No. 2330

Rofalin Acrylic

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

Range of use

Rofalin Acrylic can be used indoors and outdoors on old and new 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 used on chairs, banks, etc. an additional protective coat must be applied to prevent bleeding of pigments.

Characteristic data of the product

Density:	approx. 1.15 g/cm ³ - 1.24 g/cm ³ at 20°C	
Viscosity:	approx. 2000 cP at 20°C	
Odour:	weak, characteristic	
Packaging:	0.75 l, 2.5 l, 5 l, 10 l and 20 l interior coated tin containers	
Colours:	2330 white	2335 green
	2332 grey	2338 blue grey
	2333 brick red	2342 brown
	2334 dark brown	

Property profile

Rofalin Acrylic is an environmentally friendly, protective paint on a pure acrylate base with light-resistant pigments for wood and other substrates. Rofalin Acrylic is easy to work, protects the substrate for many years and is low in solvents. The permanently elastic coating does not peel even under extreme weather conditions and is driving rain tight, light and weather resistant, fast-drying, low odour, silk matt and scrub-proof in compliance with DIN 53778. Rofalin Acrylic also has very good hiding power.

Wood in outdoor areas should always be primed with a wood preservative (e.g. Aidol Primer/Blue Stain Inhibitor). 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 Aidol Sealing Primer.

Metal

Aluminium:

The surface must be clean and free of oil and grease and sanded (clean with Thinner V 101)
Primer coat: Rofalin Acrylic
Finishing coat: Rofalin Acrylic

Zinc (galvanized sheet metal):

First coat: The surface must be clean and free of oil and grease. Apply two coats of undiluted Rofalin Acrylic.

Directions

Normally, two coats of undiluted Rofalin Acrylic are applied by brush, roller or with airless spraying equipment. On highly absorbent substrates, the first coat should be thinned with 10% water.



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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 Aidol Primer/Blue Stain Inhibitor or Impregnation Primer GN according to DIN 68800.
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: siding, wood building elements, shingle facades, framework, etc.
First coat: Impregnation Primer GN (only required in outdoor areas)
Intermediate coat: Rofalin Acrylic before it is built in place.
Finishing coat: Rofalin Acrylic

To prevent coloured substances in the wood from bleeding through the paint when white or light colours are used, prime first with 2 coats of Aidol Sealing Primer.

Renovation: clean surface, remove non-adhering coatings. For protection, prime exposed wood surfaces in outdoor areas with Aidol Impregnation Primer.
First coat: Rofalin Acrylic
Finishing coat: Rofalin Acrylic

Render, exterior and interior

Exterior renders:
Air-dry hydraulic render, lime cement and cement render, mortar group Ib, II and III:
First coat on new render:
Prime with Impregnation Primer
Primer coat: Rofalin Acrylic thinned with up to 10% water
Finishing coat: undiluted Rofalin Acrylic

First coat on old render:
Clean surface, pre-treat sanding renders with Deep Primer
Primer coat: Rofalin Acrylic thinned with up to 10 % water
Finishing coat: undiluted Rofalin Acrylic

Renovation: old dispersion paints, plastic renders, oil based coatings and varnishes.
Clean the surface to be coated, remove loose, non-adhering material and repair damaged render, pre-treat chalking coatings with 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
Primer coat: Rofalin Acrylic thinned with up to 10 % water
Finishing coat: undiluted Rofalin Acrylic

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

Gypsum renders

Primer coat: Deep Primer or Deep Primer W
Intermediate coat: Rofalin Acrylic
Finishing coat: Rofalin Acrylic

Wall paper

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

Masonry work, interior

Sand-lime brick (interior)
Preparation: clean substrate, remove loose material, and on dry surfaces prime with Silicate Primer D.
Intermediate coat: Rofalin Acrylic thinned with up to 5 % water.

Finishing coat: undiluted Rofalin Acrylic
Renovation: clean 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.

Brick fair-faced masonry work, interior
Preparation: the substrate must be clean, dry and free of efflorescence.
Primer coat: Impregnation Primer
Intermediate coat: undiluted Rofalin Acrylic
Finishing coat: undiluted Rofalin Acrylic
Renovation coat: clean the surface and remove non-adhering material. Apply one to two coats of undiluted Rofalin Acrylic.

Notes on working

The true colour only becomes apparent when dry which takes just half an hour. The coating film is completely hardened after 2 weeks. Wood in outdoor areas should be protected from rain for at least 4 hours (danger of washing off). Do not use at object temperatures below +5° C or in strong sunlight.

Cleaning tools

Clean tools with water.

Packaging, application rate, shelf-life

Packaging:
0.75 l, 2.5 l, 5 l, 10 l and 20 l tin containers

Application rate:
Depending on the substrate 0.08 - 0.2 l/m²

Shelf-life:
At least 12 months in unopened, original containers stored cool but frost-free.

Composition

Acrylate, TiO₂, iron oxides, silicates, white spirit, glycols, preservative, water.

Labelling

Water hazard class: 1
Flammability class: n.a.
GGVS/ADR: n.a.

VOC content

EU limit value for the product (Cat. A/c, d): 150/75 g/l (2007), 130/40 g/l (2010).
This product contains max. 35 g/l VOC.

Product code

M-DF02

Safety data, disposal

Keep out of reach of children.
Do not inhale sprayed mist.
Ensure adequate ventilation during and after work.
In case of contact with skin or eyes, rinse immediately with plenty of water.
Do not lead into the sewer system, aquatic environments or the ground.
Only completely empty containers should be recycled.
Dispose of liquid leftover material at collection facilities for old varnishes.

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.

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