

ACRYLCOLOR

Acrylic Façade Paint

REVITALCOLOR AG

Micro-Reinforced Acrylic Façade Paint

ACRYLCOLOR RELIEF

Acrylic Relief Façade Paint

General Description and Fields of Application

ACRYLCOLOR is an environment friendly and harmless to health façade paint, based on acrylic binders. It is thinned with water and easy to apply. It is alkaline resistant, highly water-repellent and resistant to all climate conditions, i.e. smoke, ultraviolet radiation and other environmental factors.

ACRYLCOLOR is especially suitable for painting of solid, fine-plasters or smooth façade surfaces, without any cracks or other defects and damages.

Suitable surfaces:

especially already carbonized classic lime-cement plasters or at least one-month-old cement or heavily cement-reinforced extended plasters, concrete façade surfaces, façade brick and also various fiber-cement façade boards.

Application to old tightly adhered façade coatings and decorative plasters of all types is possible.

Unsuitable surfaces:

new lime and lime-cement plasters, surfaces painted with chalk-based (water dissolving coats) and lime-based paints, surfaces painted with oil paints, lacquers or enamels, plastic compounds and wooden surfaces.

Composition:

Water-based acrylic binders, extenders, pigments, special additives.

Colour shades: white, different shades on the colour chart PAINTS AND PLASTERS (JUMIX System).

ACRYLCOLOR special shades: three special colour shades: gold (5001), silver (5002) and bronze (5003).

REVITALCOLOR AG is micro-fibre reinforced and heavily fungicide protected acrylic façade paint, environment friendly and harmless to health. It is thinned with water. It is alkaline resistant, highly water-repellent and resistant to all climate conditions, i.e. smoke, ultraviolet radiation and other environmental factors. REVITALCOLOR is especially suitable for painting of solid, course-plastered façade surfaces and for painting of fine-plastered surfaces, where hairline cracks are visible (up to 0,3 mm). It is also used as an equalizing coating for mineral and silicate decorative plasters. It is especially suitable for painting of final plasters in thermal-insulating façade systems (JUBIZOL façade).

Suitable surfaces:

especially already carbonized classic lime-cement plasters.

Due to high water-vapor permeability it is suitable for the protection of newer (at least one month old) mineral plasters.

Application to old tightly adhered façade coatings and decorative plasters of all types is possible.

Unsuitable surfaces:

new lime plasters, surfaces painted with chalk-based (water dissolving coats) and lime-based paints, surfaces painted with oil paints, lacquers or enamels, plastic compounds and wooden surfaces.

Composition:

Water-based acrylic binders, extenders, pigments, special additives, micro-reinforced fibers.

Colour shades: white, different shades on the colour chart PAINTS AND PLASTERS (JUMIX System).

ACRYLCOLOR RELIEF is a waterborne acrylic façade paint filled with fine quarz sand, which gives the distinctive look to the painted surfaces. The paint is distinguished for its good covering properties, high water-repellence and resistance in any climate conditions. The color coating adheres well to the surface and is resistant to effects of smokes, UV radiation and other environmental factors.

Suitable surfaces:

especially already carbonized classic lime-cement plasters or at least one-month-old cement or heavily cement-reinforced extended plasters, concrete façade surfaces and also various fiber-cement façade boards. The paint is also intended for the protection of walls made of aerated concrete. Application to old tightly adhered façade coatings is possible.

Unsuitable surfaces:

new lime and lime-cement plasters, surfaces painted with chalk-based (water dissolving coats) and lime-based paints, surfaces painted with oil paints, lacquers or enamels, plastic compounds and wooden surfaces.

Composition:

Water-based acrylic binders, extenders, pigments, special additives, quartz aggregates
Colour shades: white, different shades on the colour chart
PAINTS AND PLASTERS (JUMIX System).

All acrylic façade paints are protected against algae and mould growth and contain special water-repellent additives(siloxanes).

Substrate

Information for all acrylic façade paints: Substrate must be solid, dry and clean, without weakly bound particles, dust, oil stains or other filth. On previously painted surfaces, all loose, peeling and chalking paint must be removed. Newly applied renders must be dried for 3-4 weeks (for each cm, at least 7 – 10 days, for insulant light weight renders 5 –7 days), for concrete the drying time is at least one month (T = +20 °C, R.H. = 65 %). Surfaces infected with wall

mildew and algae must be disinfected prior to painting. Washing with a jet of hot water or steam is especially recommended for all concrete surfaces.

Application of paint

Prior to painting apply appropriate primer to the clean surface. When protecting highly absorbing surfaces and also concrete and fiber-cement boards, use the deep primer JUKOL. Use it also for protection of façades, which are heavily exposed to rain. ACRYLCOLOR is applied using a roller or brush, or by spraying. Tested with the following spraying systems: Farbmeister W, Finish, Superfinish, Airless EP and Fine Coat (WAGNER GmbH) and LM-92/K and Airless 4000 F (SATA GmbH). REVITALCOLR AG can be applied using a brush or roller only. ACRYLCOLOR RELIEF is applied with a foam painting

roller. Scoop the paint with a roller and spread it equally by rolling it repeatedly in different directions. Paint the surface finally in direction from top to bottom, or even better: from bottom to top, so the surface will get a relief look as equal as possible. Coat each wall surface without interruption, from one corner to the other. Eventual interruptions are highly visible and make the painted surfaces unaesthetic. Therefore divide larger wall surfaces to smaller sections, with stripes, channels, mortar borders, frames, or some methods and avoid the problems of continuous application of relief paint. Apply decorative stripes, channels, mortar borders, frames, etc. prior to application of relief paint and cover them twice with ACRYLCOLOR. Use the same method also for inaccessible wall surfaces (corners, narrow reveals).

	ACRYLCOLOR	REVITALCOLOR AG	ACRYLCOLOR RELIEF
Application	Brush, roller, spraying: always at least 2 coats	Brush, roller: always at least 2 coats	Foam roller 1 coat
Primer	<ul style="list-style-type: none"> ▪ JUKOL (1:1with water) ▪ AKRIL EMULSION (1:1with water) ▪ ACRYLCOLOR (1:1with water) 	<ul style="list-style-type: none"> ▪ JUKOL (1:1with water) ▪ AKRIL EMULSION (1:1with water) ▪ REVITALCOLOR AG : water = 1:1 	<ul style="list-style-type: none"> ▪ JUKOL (1:1with water) ▪ AKRIL EMULSION (1:1with water) ▪ ACRYLCOLOR (1:1with water)
Consumption	app. 200 ml/m ² (two coats)	app. 300 - 700 ml/m ² (two coats)	<ul style="list-style-type: none"> ▪ Intermediate coat: ACRYLCOLOR : one coat in the colour tint, same or close to the one of AC RELIEF: 100 - 150 ml/m² ▪ Final coat: ACRYLCOLOR RELIEF app. 480 do 600 ml/m²
	Depends on coarseness and absorption of the substrate. Exact coverage can be estimated on the site.		
Drying time (20°C, 65 % R.H.)	dry to recoat : 4 – 6 hours		
Protect against the rainfall	app. 24 hours		
Thinning, tinting	Up to 10% with water. Mix the paint well before diluting or tinting. If the paint is tinted in separate containers, equalize the paint colour by mixing it together.		
Packaging	Plastic pots 0.75 l * Plastic containers 5 l, 16 l	Plastic containers 5 l, 16 l	Plastic containers 5 l, 16 l
Storage	18 months, PROTECT FROM FREEZING, keep from direct sunlight		

Note

* white only (colour shade 1001) and in the colour chart PAINTS AND PLASTERS specially marked colour shades.

Application Temperature:

Air and surface temperature for application should not be lower than +5 °C and not higher than +35 °C, R.H. < 80%.

Protect the façade surfaces against the sun, wind and rainfall with curtains; however do not apply the paint in rain, fog or strong wind (≥30 km/h), even with such protection.

Tool Cleaning

Thoroughly clean all the tools with water immediately after use.

Safety at Work

Consider general instructions and regulations for construction and painting works. Special protecting means and measures for work safety, when using the acrylic paints, are not necessary.

Waste Handling

Liquid waste must not be disposed together with domestic

wastes, poured into water or in sewage system.

After hardening deposit as a construction waste:

EWC: 17 09 04

Packaging may be recycled after appropriate cleaning.

Technical Data	ACRYLCOLOR	REVITALCOLOR AG	ACRYLCOLOR RELIEF
Density (kg/dm ³)	app. 1,52	app. 1,53	app. 1,55
Water vapour transmission EN ISO 7783-2	μ value (-)	$\mu < 1200$	$\mu < 1500$
	Sd value (m)	d=100 μ m: Sd<0,12 Class I high water-vapor permeability	d=100 μ m: Sd<0,08 Class I high water-vapor permeability
Liquid water permeability w (kg/m ² h ^{0.5}) EN 1062-3	W _{24h} <0,1 Class III Low water absorption	W _{24h} <0,1 Class III Low water absorption	W _{24h} <0,15 Class II Medium water absorption
Gloss	matt	matt	matt
Adhesion to I-c plaster EN 24624 (N/mm ²)	> 0,6	> 0,6	> 0,5

Health Integrity:

Based on researches at the Institute of public health in Maribor, the dried coats of façade paints are not hazardous to health.

Quality Control:

ISO 9001 and ISO 14001. Factory production control and occasional testing at various independent professional institutions, home and abroad. Tested by Forschungsinstitut für Pigmente und Lacke, Stuttgart, Germany.

Link to Other JUB Products

See also Technical sheets:
01 Primers
10 Alcid

Technical instructions in this brochure are based on our experiences and are given as a guideline for achieving optimal results. We cannot take any responsibility for the damage, caused by incorrect choice of the product, incorrect use or unprofessional work. Minor differences in colour shades are possible among the equivalent paints from different production batches, however the shades do not vary from those in the colour charts for more than $\Delta E = 1,0$ and $\Delta a = 0,4$. The test for colour shade tolerances must be performed on standard test cardboard after the coat dries. Colour shade variations, caused by application of the paint on surfaces with different coarseness and absorbing properties, cannot be subject to any claim. We reserve the right to change the technical data of our products without notice as a result of our own development work or as a result of other technical progress. This technical sheet supplements and replaces all preceding editions.
 November 2006

