

Product description

Intended use: Highly resistant pure acrylic-based facade paint for particularly intense colours. Outstanding physical building properties, quick-drying, fungicidal, with excellent adhesion properties on old and new plasters (roughcast mortar group P II and P III), concrete, fibre cement boards (please see BFS data sheet no. 14) and firmly adhering old coatings.

Characteristics:

- driving rain-proof and highly water-repellent
- effective film protection against fungi, algae or moss thanks to encapsulated active ingredients, therefore dosed and controlled release
- water vapour diffusible
- very wide range of colours
- high opacity
- low tensions, good filling properties
- carbonation protection against exhaust gases (Test report 1-094/09, ILF Magdeburg)
- free of softeners, low odour
- alkali-resistant and saponification-stable

Content as per VdL Guideline 01: pure acrylate dispersion, titan dioxide, siliceous fillers, water, glycols, additives, preserving agent

Treated goods: This product contains biocidal products with film-protecting and preservative properties. Active ingredients: Terbutryn, 2-octyl-2H-isothiazol-3-one, C(M)IT/MIT (3:1). Water from the cleaning of tools must not enter the soil or surface water.

Colour: white

Specification:	Gloss:	mat	DIN 67 530
	Spec. weight:	1,25 - 1,30 g/cm ³	DIN 51 757
	pH-value:	8,6	DIN 53 785

Characteristic data according to DIN 1062:

- Maximum grit size: < 100 µm, S1
- diffusion-equivalent air layer thickness sd (H₂O): (sd value): < 0.5 m, class: V2 (medium)
- Water permeability rate: (w-value): < 0.1 kg/(m² h_{0.5}) (low), W3
- Deviations in the technical characteristics are possible due to tinting
- Colour stability according to BFS data sheet no. 26: Class: A, group 1-2, depending on colour shade

Storage: At least 2 years, if the tightly closed original packages are kept dry, protected against frost. Storage temperature: from +5°C till maximum +30°C.

This technical data sheet is supplied for informational purposes only! According to our information, all data and recommendations correspond to the state of art and are based on years of experience in manufacturing our products. They do not exempt the user from his obligation to verify professionally, on his own responsibility, the suitability of our products to the intended purpose under prevailing conditions. Safety data sheets and warnings on packaging must be observed. We reserve the right to modify and to complete the information content at any time, without prior notice or obligation to update.

VOC- regulation: EU limiting value for the product (cat. A/c): 75 g/l (2007)/ 40 g/l (2010)
This product contains max. 30 g/l VOC [0.2 lbs/gal]

Processing instruction

Processing conditions: From + 5° C up to + 35° C and max. 75% relative air humidity. Avoid direct sunlight and strong wind.

Substrate preparation: The substrate has to be clean, dry, firm and sound. Allow 4 weeks for the new plasterings before application. Remove damaged, not adhesive old layers of paint. Ensure the existing coating is in good condition and firmly adhering. Absorbent or porous surfaces must be prepared with a prime coat (Mipa Tiefgrund LF).

Dilution: 1st. coat : thin with 5 - 10 vol.% water
2nd. coat : thin with 0 - 5 vol. % water.

Application process: Rolling, brushing or spraying (Airless):
Spraying angle: 50°
Nozzle: 0,53 mm
Pressure: 150 bar

Process: Stir well before use. Apply Mipa Reinacrylat-Fassadenfarbe in smooth, level coats. Best results are obtained according to the precision of the application.

Drying times: Surface dry and recoatable after approx. 8 hours at 20° C and 65% relative humidity, rainproof after 24 hours. Completely dry and loadable after approx. 3 days. Low temperatures and high humidity extend the drying times.

Spreading rate: Depending on the substrate: approx. 7 m² / liter per operation. Determine exact consumption by test coating on the object.

Special note

Stir the material well before use. Apply and spread evenly to avoid staining and gloss marks due to different layer thicknesses. The separation of water on the surface that occurs during storage is a result of the strong hydrophobicity of the binder and is therefore typical of the product. Simply stir in separated water before use.

Mipa Fassadenfarbe RFX is equipped with a special depot of active substances against fungal and algae growth. The duration of effectiveness depends on the prevailing object conditions and is limited in time by unfavourable weather conditions and microclimatic conditions (e.g. avoid planting near the facade). Only limited protection is possible due to the corresponding moisture load and infection pressure with algae and fungal spores. Permanent prevention of algae and fungal growth is therefore not possible.

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Special note

When coating external thermal insulation composite systems, please observe BFS data sheet no. 21. For coloured coatings, the lightness value must be >20. To avoid build-up on larger areas, coat wet-on-wet in one go. Do not inhale aerosols. For airless application, stir and sieve the paint well.

In the case of dense, cool substrates or weather-related drying delays, early exposure to moisture after application (mist, dew or rainwater) can cause wetting agents or emulsifiers to be released from the coating film. These are visible on the surface in the form of whitish, transparent run-off marks or shiny spots. The effect is visible to varying degrees depending on the intensity of the colour tone, but has no influence on the quality of the product. The additives are water-soluble and are washed off automatically with sufficient water, e.g. after several heavy rainfalls. If run-off occurs, do not recoat the surfaces directly. If direct recoating is nevertheless to be carried out, the run-off traces must first be thoroughly removed with water. To avoid this, only carry out coating work in suitable weather conditions.

Safety instructions

Mipa Fassadenfarbe RFX is slightly alkaline. Protect eyes and sensitive skin against splashes. Colour stains should be removed immediately with sufficient clear water. Consider general hygienic rules. Only use in accordance with the instructions for use and only in authorised areas of application. Misuse can lead to damage to health and the environment.

GISCODE: BSW50

Cleaning of tools

Tools should be cleaned immediately after use with water. Water from cleaning tools must not be allowed to enter the ground or surface water.

Disposal

Disposal is carried out as indicated on the label via the German Dual System (Green Dot) or via the recycling system for metal packaging and steel (KBS). The packaging must be clean, dry, free of foreign matter and completely empty. The metal handle must be removed from plastic containers. The packaging must bear the product label of the last filling product. Only hand in liquid paint residues in their original containers and only at hazardous waste collection centres.

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