

Alpina FassadenAktiv

Save energy with dry walls

Water-repellent silicone resin house paint

Weather-resistant even with severe temperature fluctuations

Highly breathable · high coverage · white/matt

Material

Purpose:

For rain-repellent, low soiling facade coverings on mortar and mineral substrates, as well as for renovation coatings on adherent silicate paints and matt emulsions.

Properties:

Alpina FassadenAktiv is extremely water-repellent and conforms to the class "low water permeability" in accordance with DIN EN 1062 with a w-Value of < 0.1 [(kg/(m²·h^{0.5}))]. Alpina FassadenAktiv is also highly-breathable, corresponding to the class "High vapour diffusion" in accordance with DIN EN 1062 Part 2 with a sdH₂O-Value of < 0.14 m.

Even if heavy driving rain, its effect keeps the facade up to 20x dryer than traditional emulsion house paints, hence helping to save energy. Coatings with Alpina FassadenAktiv are extremely cost-efficient, because the option of thinning with Alpina FassadenGrund on supportable, solid substrates means that no special priming is required in most cases.

Alpina FassadenAktiv is high-strength, water soluble, odourless and, because it contains no harmful substances, environmentally friendly.

Bonding agent:

Silicone resin emulsion.

Gloss level:

Matt to DIN EN 1062.

Shade:

White.

Alpina Color can be tinted in Italian Red, Choco Brown, Sahara Brown and Night Black.

Mix the whole quantity when tinting to avoid shade differences.

Safety advice:

Keep out of the reach of children.

Do not inhale spray dust or spray mist. Ensure adequate ventilation during application and drying. Avoid eating, drinking and smoke while using the paint. In case of contact with the eyes or skin, rinse immediately with plenty of water.

Storage:

Cool but frost-free.

Disposal:

Pass only completely empty drums for recycling. Liquid material remnants can be disposed of as water-based waste paint. Dried material remnants can be disposed of as hardened paints or as domestic waste.

Produce code for paints and laquer: M-SF01



Surface coating system:

Primer or intermediate coats:

Apply Alpina FassadenAktiv with max. 10% water or thinned 10% Alpina Fassaden-Grund.

Top coat:

Apply Alpina FassadenAktiv thinned with max. 5% water.

Application:

Brush or roll.

Clean the implements immediately after use with water.

Usage:

Approx. 140 ml/m² per coat on a smooth surface. More on a rough surface as required.

Lower temperature limit during application:

+5°C for surface and ambient air.

Drying time:

Surface-dry at +20°C and 65% rel. humidity after 4–6 hours.

Paintable after 12 hours. Hard-dry and resilient after approx. 3 days.

These times are longer at lower temperatures and higher humidities.

Note:

Apply in one go using the wet-on-wet method to avoid deposits.

Not suitable for horizontal surfaces with water load.

Surfaces must be free of impurities and parting agents and must be dry.

Exterior surfaces

Mortar and cement facings:

Leave new mortar 2–4 weeks untreated.

Re-mortared areas must be well-cemented and dried out.

Matt emulsions, old coatings on mineral substrates:

The coating must be supportable and adherent.

Clean soiled, chalky old coatings by wet-blasting while observing the legal regulations.

Thoroughly clean the surface and apply the base coat with 10% Alpina Fassaden-Grund to the Alpina FassadenAktiv.

Supportable resin mortar coatings:

Clean old mortar by wet-blasting while observing the legal regulations.

Coat new mortar without pre-treatment.

Non-supportable, mineral coatings such as limescale or silicate coatings:

Remove completely by sanding, brushing, abrasion or any other suitable measures.

Clean cleaned surfaces by wet blasting while observing the legal regulations and allow to dry thoroughly.

Apply a base coat using Alpina Fassaden-Grund.

Surfaces with salt blooming:

Remove salt bloom and dry by brushing.

When coating surfaces with salt bloom, no guarantee is given for long-term adhesion coating or the absence of salt blooms.

Small imperfections:

Carry out the appropriate preliminary work using a suitable mortar or filler and prime with Alpina FassadenGrund.

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This Technical Bulletin has been compiled from state-of-the-art technology and our experience. Given the numerous substrates and property conditions, however, buyers/users are not relieved of their own obligation to check our materials for their suitability for the intended purpose.

Alpina Farben GmbH

D-64369 Ober-Ramstadt · Postfach 1220

Alpina-Hotline Tel.-Nr. 0180 5/123 888

(0.14 €/min. from a German landlines, calls from mobiles max. 0.42 €/Min.)

www.alpina-farben.de