

ALPHA COLOR

ALPHA COLOR is a coating material that meets the most demanding requirements of professional painters who use only high-quality products. It is characterized by high coverage and excellent application properties, which guarantee perfect results and interior appearance. At the same time, thanks to its very good vapor permeability, it can also be used for coating renovation plasters.



Downloads



Batch number: label

Date of manufacture: label

Expiration date: 12 months from the date of manufacture in the original unopened packaging

Last revision: 12.6.2025

Version: For professional and home use



5 kg



15 kg

Technical and material data sheet

ALPHA COLOR

Use

ALPHA COLOR is suitable for homes, offices, sales and production areas, corridors, and anywhere else where the highest demands are placed on quality and perfect appearance.

Technical properties

Color: White in the basic version, tinting is possible with tinting pigments. Can be tinted to RAL on tinting machines using ALPHA coloring systems.

Coverage: Coverage is approximately 10 m² per 1 kg of paint in one coat. Coverage may vary depending on the absorbency and structure of the substrate, application technique, thickness of the applied coat, and other factors. The exact coverage for a specific substrate must be determined on a test area at the application site.

Application temperature: The temperature of the coating, the environment, and the substrate must be between +5 and +35 °C during application and for 24 hours after application, ideally between +10 and +25 °C.

Storage: Store in a dry, cool, frost-free place in the original sealed container for 12 months at temperatures between +5 °C and +35 °C. Once opened, use the contents within 14 days. Do not expose to direct sunlight. Opened and unused paint (if not diluted with water) can be stored in a well-sealed container for possible repairs for 6 months with as little air space as possible.

Packaging: 5 and 15 kg, in PP buckets.

Application information

Tools: Paint rollers (polyamide, polyacrylic, etc.), brush, small areas with a brush, large areas with AIRLESS spraying. Drill with mixer or special mixers with speed control.

Recommended dilution: Dilute with water (drinking water) 0–0.05 l of water/1 kg of paint. The paint can be diluted as needed and according to the recommendations. Caution: excessive dilution of the paint reduces its coverage and may impair its parameters.

Mixing: Before use, the paint must be thoroughly mixed with a mixer to a homogeneous (uniform) consistency, or diluted with clean water as recommended. When mixing, it is necessary to stir the paint lightly, add water as recommended, and mix the entire contents thoroughly. Please note that excessive dilution of the paint reduces its coverage and may impair its parameters. Once the container has been opened, it is advisable to use the paint as soon as possible. A complete surface should be painted using paint from a single production batch. Remove any dried paint (not hardened) from the lid of the container and mix the paint thoroughly. When handling or mixing, proceed in such a way as to prevent excessive air from entering the paint.

Drying: The paint is dry to the touch after approx. 2 hours. The next coat can be applied after 4–6 hours (these values apply to a single coat of paint of standard thickness and under standard conditions (T = 20 °C; relative humidity 60%)). Under standard conditions, freshly painted surfaces are resistant to damage (washing off of the paint layer) after 24 hours at the latest. Lower temperatures or higher humidity may prolong the drying time.

To the touch	2 hours
For the next coat	4 - 6 hours (WFT 240 µm, t = 20 °C, relative humidity 60% vol.)
Fully dry	24 hours

Cleaning tools and after application: Protect all tools from drying out during work breaks and wash with water after use. Wash contaminated areas immediately with water, as dried paint is difficult to remove. Protect all tools from drying out during work breaks.

Surface protection: If areas that are not to be coated with paint become contaminated, wash them immediately with water, as dried paint is difficult to remove. Ensure thorough ventilation during application and drying.

Density	1,55 g/cm ³
Appearance	White, whiteness 96 %
Gloss level	Matt
Odor	Typical for acrylic paints
Shelf life	12 months, must not freeze
Safety instructions	Read the Technical and Safety Data Sheet

Do not apply the coating if: Relative humidity is higher than 80%. The moisture content of the substrate is more than 4%, concrete more than 2.5%

Application procedure

Substrate and substrate preparation: The substrate must be dry, cohesive, free of impurities and active biological infestation (mold, algae), non-saline, non-greasy, chemically stable, and mature. The substrate must be solid, dry, free of cracks, dust, and flaking parts. Newly applied base coats must have a regular texture and be sufficiently mature (this applies in particular to new and repaired mineral, roughcast and stucco plasters, minimum 4 weeks). The substrate must have the same absorbency and texture across the entire surface. Thin-layer plasters are also suitable substrates. The substrate must be sufficiently even, as the coating material will simply copy any unevenness and imperfections. When repainting textured plasters, the structure of the plaster may be very slightly affected. For new plasters, it is necessary to remove loose grains of sand (by sanding or sweeping).

Procedure and application: Apply ALPHA TOTAL PRIMER or ALPHA Primer CT to the prepared substrate over the entire surface. Depending on climatic conditions, but at least 12 hours after applying the ALPHA TOTAL PRIMER base coat, apply 2 coats of ALPHA COLOR interior paint over the entire surface, depending on the type and condition of the substrate, with a technological break of 4-6 hours between coats. The previous coat must be completely dry.

After opening the bucket, thoroughly mix the entire contents with the paint immediately before application using a mixer and dilute with water if necessary, but no more than 5% by weight of the entire package. (AKU with screw, etc., mixer, 150 rpm).

You can adjust the paint by adding water according to the recommended dilution, see above. When applying multiple coats, allow a minimum of 6 hours between coats. For new or significantly different shades of substrates, apply more layers of ALPHA COLOR coating as needed.

The prepared coating can be applied immediately, in at least two coats. Apply with a roller, brush, or spray equipment. The previous coat must be completely dry. Coatings are applied at ideal temperatures between +5 °C and +35 °C. Do not apply in high humidity or on a damp substrate. We recommend stirring ALPHA COLOR occasionally during application. Contaminated areas, tools, and work equipment must be washed before the coating dries. Apply evenly and without interruption.

Technical and material data sheet

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ALPHA TIP: We recommend the Wagner Universal Sprayer W 950 Flexio spraying device

Notice and general instructions

Processing conditions: The substrate and air temperature must not fall below +5 °C. During application, avoid direct sunlight, wind, and high humidity. In conditions that promote rapid drying of the interior coating (temperature above +35 °C, drafts, heated substrate, etc.), the applicator must consider all circumstances (including, for example, the size of the area) affecting the possibility of proper application, especially joining. In conditions that prolong drying (especially low temperatures and high humidity), slower drying of more than 12/24 hours must be expected. High temperatures, especially in summer, adversely shorten the drying time. High humidity or low temperatures (e.g., in late autumn) can significantly prolong the drying time and adversely affect the final color shade or properties of the coating.

Color shade: The intensity of the final color shade may be adversely affected by the condition of the substrate, temperature, or humidity. In particular, with an uneven substrate (structure, absorbency) or when applied under variable "weather" conditions, there is an increased risk of uneven coloration (risk of staining).

Color consistency can only be guaranteed within a single production batch, so it is recommended to order the required amount of material for the entire object at once. When processing different production batches of the same shade on a single surface, it is necessary to ensure that they are thoroughly mixed together. Mechanical action may cause color changes on the surface of the coating (e.g., rubbing off of color pigments). This phenomenon does not affect the technical functionality of the coating and is not related to the quality of the delivered product. Differences in color shades between sample colors and original products are possible for technological reasons (different types of substrate and printing technology). In view of this, it is recommended to apply test samples before starting the application. Since it is not always possible to guarantee completely identical processing and curing conditions for the samples presented and the interior materials subsequently supplied, any slight color differences cannot be considered a defect.

Moisture protection: ALPHA COLOR interior coating is resistant to normal interior stress. Interior coatings must not be in constant contact with water and must not be exposed to condensing moisture. For these applications, use ALPHA INNER paints, which resist condensation moisture based on physical principles. At the same time, ALPHA INNER paints prevent mold growth and interrupt thermal bridges.

Maintenance and restoration of finished surfaces: To maintain the functional and decorative parameters of the coating in the long term, it is advisable to regularly inspect and maintain the coated surfaces as follows: sweep, vacuum, or wash off loose dirt. Remove more stubborn dirt using universal cleaning agents and then wash with clean water.

Safety precautions: See the product safety data sheet for details. Do not eat, drink, or smoke when working with ALPHA COLOR paint. We recommend protecting your eyes with goggles with side shields. If swallowed, rinse your mouth with water. If the product comes into contact with your eyes, rinse them with running water. If symptoms persist, seek medical attention. After washing, treat your skin with a regenerative cream. Keep out of reach of children.

Disposal of packaging: The packaging is fully recyclable. The material is not classified as environmentally hazardous. Dispose of unused material or packaging in accordance with applicable regulations. Dispose of product residues as mixed construction and demolition waste.

Other informations

This technical data sheet, provided as part of our support to customers and processors, has been created based on our own experience and the current state of science and technology. The procedures and recommendations provided herein represent, in a general sense, optimal and safe solutions, but are not legally binding and do not establish a contractual relationship or additional obligations under the purchase agreement. Nor do they relieve the processor of the responsibility to verify the suitability of this product for its intended use under specific conditions. The consumer is responsible for the correct use of the product. The information provided in this technical data sheet is based on laboratory findings and our professional experience with the aim of achieving the best possible results at a professional level when using the product. We accept no responsibility for damage caused by incorrect use of the product or its inappropriate selection. We therefore recommend that the buyer or user test our materials professionally and technically to ensure that they are suitable for the intended purpose under the given conditions in the given object.

This technical data sheet loses its validity upon the publication of its amendment. The manufacturer reserves the right to make possible later changes and additions. The manufacturer reserves the right to change the information in technical and promotional materials without prior notice. Updated versions of technical data sheets are available from the manufacturer upon request. All information in this manual is non-binding.

Manufacturer



ALPHA CZECH s.r.o.
U Plynárny 348/83
101 00 Prague 10
Czech Republic
www.alphaczech.com