

# ALPHA BUILD

ALPHA BUILD is a premium facade coating developed by professionals for anyone who wants a beautiful and functional facade that lasts without compromise. Its composition provides high resistance to weathering, dirt, dust, and moisture, while maintaining color stability for many years. The facade paint is water-repellent, matte, vapor-permeable, and easy to maintain, making it an ideal choice not only for new buildings but also for renovations. It adheres well to a wide range of surfaces—including insulation systems, mineral plasters, and concrete—and is easy to use even for experienced home applicators.



### 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 BUILD

### Use

Facade coating for exterior painting of lime, lime-cement and brizolit plasters, plasters with acrylic binder, masonry, decorative coatings of vertical concrete structures, etc. The paint creates a matte, vapor-permeable, fully washable surface that is resistant to weather, acid rain, and industrial emissions. The paint is suitable for coating new and old mineral plasters, for recoating acrylic facade paints, and for unifying or recoating contact insulation systems with a thin-layer acrylic plaster finish. The paint film must not be in constant contact with water and rising damp.

### Technical properties

**Color:** White in the basic version, tinting is possible with tinting pigments (only shades suitable for exterior use). Can be tinted to RAL/NCS on tinting machines using ALPHA coloring systems.

**Coverage:** Coverage is approximately 9 m<sup>2</sup> 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. We recommend applying two coats.

**Application temperature:** The temperature of the paint, 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 packaging for 12 months at temperatures between +5 °C and +35 °C. Use the contents within 14 days of opening the package. 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, 10, and 20 kg in PP buckets.

### Application information

**Tools:** Facade paint rollers, brushes, 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) 0–0.06 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 facade paint must be thoroughly mixed with a mixer to a homogeneous (uniform) consistency, or diluted with clean water as recommended. Caution: excessive dilution of the paint reduces its coverage and may impair its parameters. Once the container has been opened, the paint should be used as soon as possible. The entire surface must be painted using paint from a single production batch. Remove any dried paint (not hard) from the lid of the container and mix the paint thoroughly. When handling or mixing, take care 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 (data applies to one 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.

|           |         |
|-----------|---------|
| Touch dry | 2 hours |
|-----------|---------|

|            |                                                                    |
|------------|--------------------------------------------------------------------|
| Recoatable | 4 - 6 hours<br>(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.

|         |                        |
|---------|------------------------|
| Density | 1,54 g/cm <sup>3</sup> |
|---------|------------------------|

|            |                       |
|------------|-----------------------|
| Appearance | White, whiteness 96 % |
|------------|-----------------------|

|             |       |
|-------------|-------|
| Gloss level | Matte |
|-------------|-------|

|      |                              |
|------|------------------------------|
| Odor | Typical for acrylic coatings |
|------|------------------------------|

|            |                            |
|------------|----------------------------|
| Shelf life | 12 months, must not freeze |
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|                     |                                          |
|---------------------|------------------------------------------|
| Safety instructions | Read the Technical and Safety Data Sheet |
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**Do not apply the coating if:** Rain is expected during outdoor application. The coating must not be exposed to direct rain for at least 4 hours after application. Relative air humidity is higher than 80%. The weight moisture content of the substrate is more than 4%, concrete more than 2.5%.

### Aplikační postup

**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 structure and be sufficiently mature (this applies in particular to new and repaired mineral, roughcast and stucco plasters, approx. 3-6 weeks). The substrate must have the same absorbency and structure across the entire surface. Thin-layer plasters are also suitable substrates. The substrate must be sufficiently flat, as any unevenness and imperfections will be copied by the facade coating. 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 penetrating primer 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 BUILD facade 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 coating material immediately before application using a mixer (AKU with a screw, etc., mixer, 150 rpm).

You can adjust the coating 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 substrates, apply more coats of ALPHA BUILD 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 should be applied at ideal temperatures between +5 °C and +35 °C. Do not apply in strong sunlight (or shade the facade) or in rain. We recommend stirring ALPHA BUILD occasionally during application. Contaminated areas, tools, and work aids must be washed before the coating dries. Apply evenly and without interruption.

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The coating is dry to the touch after approx. 2 hours. The next coat can be applied after 4–6 hours (data applies to one coat of standard thickness under standard conditions ( $T = 20^{\circ}\text{C}$ ; 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.

**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  $+5^{\circ}\text{C}$ . During application, avoid direct sunlight, wind, and rain. In conditions that promote rapid drying of the facade coating (temperature above  $+35^{\circ}\text{C}$ , strong wind, 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 and possible damage from rain even after more than 12 hours must be taken into account. High temperatures, especially in summer, adversely shorten the drying time and may cause the coating to burn. 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, facade surfaces with variable shading (e.g., facade divisions, scaffolding), uneven substrates (structure, absorbency), or those applied under variable weather conditions increase the 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 building 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 the shades of sample colors compared to the 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 facade materials subsequently supplied, any slight color differences cannot be considered a defect.

**Protection against microbiological attack:** ALPHA BUILD facade coating is supplied with basic anti-fungal protection with a preventive and delaying effect against attack on the facade by fungi, algae, or mold. For buildings in high-risk environments (e.g., above-average rainfall, proximity to water bodies, greenery, forests, vegetation immediately adjacent to the building, etc.), we recommend ordering an enhanced anti-fungal treatment individually. However, permanent protection against the effects of fungi, algae, or mold cannot be guaranteed. This is because the long-term and unchanging nature of protection against the effects of fungi, algae, or mold cannot be guaranteed without taking into account the specific conditions of the building (shape, dimensions, exposure to the cardinal directions, roof overhangs, cornices, plumbing products, the composition and thermal insulation efficiency of the perimeter walls, current and future influences of the immediate surroundings, etc.), the choice of a specific biocidal protection option (standard - enhanced) is entirely the responsibility of the designer, builder, contractor, or client.

**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 BUILD coating. 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 problems persist, seek medical advice. Treat the skin with a regenerative cream after washing. 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 compiled on the basis of 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



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