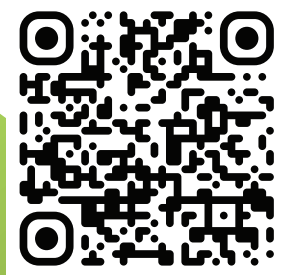


ABAMAL DEEPLY PENETRATION PRIMER

ABAMAL Deeply Penetration is a water-soluble penetrating coating designed for treating absorbent mineral substrates. It serves to strengthen the substrate, unify its absorbency, and also acts as an adhesive bridge for subsequent coating systems. Thanks to its high penetration capacity, it penetrates deep into the structure of the material, ensuring reliable surface preparation. The coating is vapor-permeable, harmless to health, and environmentally friendly. Ideal as a preparatory coat before applying products from the ABAMAL range or other interior coatings.



Downloads



Batch number: label

Last revision: 11/15/2023

Date of manufacture: label

Version: For home use

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



Technical and material data sheet

ABAMAL DEEPLY PENETRATION PRIMER

ABAMAL Deeply Penetration is intended for indoor use on absorbent substrates such as plaster, concrete, drywall, and other mineral materials.

Technical properties

Color: in liquid form, a whitish dispersion; after drying, colorless to milky cloudy.

Coverage: 1 liter in diluted state is sufficient for approx. 10-12 m²

Application temperature: The temperature of the penetrating coating, the environment, and the substrate must be between +5 and +35 °C during application and for 24 hours after application, ideally +10 to +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. Do not expose to direct sunlight. Store opened and unused primer in a well-sealed container.

Packaging: 2 and 5 l, in HDPE canisters

Application informations

Tools: brush, paintbrush, or roller.

Recommended dilution: The primer is used diluted with water. The primer is diluted 1:3, one part primer to three parts water.

Mixing: Pour the required amount according to the size of the area into a separate container and add three parts tap water. Then mix the entire volume.

Drying: Ideally, allow the primer to dry for at least 12 hours.

To the touch	2 hours
For the next coat	24 hours <small>(WFT 240 µm, t = 20 °C, relative humidity 60% vol.)</small>
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. Protect all tools from drying out during work breaks.

Surface protection: If areas that are not to be coated with the primer become contaminated, wash them immediately with water. Ensure ventilation during application and drying.

Do not apply the primer if: The 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), unsalted, 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, minimum 4 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 even, as the coating material will simply copy any unevenness and imperfections. When repainting textured plasters, this may very slightly affect the texture of the plaster. For new plasters, it is necessary to remove loose grains of sand (by sanding or sweeping).

Procedure and application: Apply ABAMAL Deeply Penetration in one coat and allow it to dry for 3-12 hours, depending on environmental conditions. After the penetrating coat has dried, apply ABAMAL topcoats (according to the specific instructions for use and the ABAMAL technical data sheet).

Warning and general instructions

Processing conditions: The temperature of the substrate and air must not fall below +5 °C. During application, avoid direct sunlight, wind, or high humidity. In conditions that promote rapid drying of the interior coating (temperature above +35 °C, drafts, heated substrate, etc.), the processor must consider all circumstances (including, for example, the size of the area) affecting the possibility of proper execution, especially joining. In conditions that prolong drying (especially low temperatures and high humidity), slower drying of more than 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 properties of the coating.

Safety precautions: See the product safety data sheet for details.

Do not eat, drink, or smoke when working with ABAMAL Deeply Penetration coating. We recommend protecting your eyes with safety 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 attention. Treat 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 any remaining product – Mixed construction and demolition waste.

Technical and material data sheet

ABAMAL DEEPLY PENETRATION PRIMER

Other informations

This technical data sheet, provided as part of our support to customers and processors, has been compiled based on our own experience and the current state of scientific and technical development. The procedures and recommendations provided here represent, in a general sense, optimal and safe solutions, but they are not legally binding and do not establish a contractual relationship or additional obligations under the purchase contract. Nor do they relieve the processor of responsibility for verifying 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



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