



AT 368

Modellable Silicone Plaster

Packing

Single: **25 kg bucket**

In bulk: **600 kg film-wrapped pallet**

Applications

For creating decorative, flexible, vapour-permeable, thin-coat plaster coatings inside and outside buildings. It enables the creative modelling of various smooth or three-dimensional surface textures, such as architectural concrete, sandstone, travertine, plank, clinker brick, Corten (rust effect) and many other unique effects. Its moisture-resistant and water vapour diffusion-open microstructure reduces water absorption, facilitates self-cleaning of the surface by rainfall and allows for rapid moisture evaporation. The protective formula, based on the latest generation of encapsulated coating biocides, provides long-lasting high resistance to biological corrosion. White or integrally coloured according to the **ALPOL COLOR** colour chart.

Example applications and decorative effects:

- smooth (felt-finished), brushed, combed or grooved plaster
- formwork concrete effect
- travertine and sandstone effect
- rust effect (Corten)
- smooth or hand-formed brick effect

Substrate type

Concrete surfaces, cement and cement-lime plasters, plasterboard, the reinforced layer in ALPOL external wall insulation systems, other even building substrates with adequate load-bearing capacity.

Substrate preparation

The substrate must be even, dry, clean, sound, load-bearing and properly cured (the reinforced layer at least 3 days after embedding the mesh in the adhesive, plasters after 28 days from application, cured concrete). Remove poorly adhering, brittle and flaking layers, fill defects/cavities with **ALPOL AZ 135** levelling mortar. Treat weak or absorbent substrates with **ALPOL AG 700** deep-penetrating primer. If the substrate needs to be levelled, a suitable levelling mortar must be used, e.g. **ALPOL AK 527**, **AK 532** thermal insulation adhesives or **ALPOL AT 315 SPC** polymer-cement plaster. At least 24 hours before applying the modellable plaster, prime the substrate with **ALPOL AG 701** primer. It is recommended to tint the primer to the plaster colour (when creating an imitation of panels or cladding, tint the primer to the joint colour).

Instructions for use

Carefully mix the plaster with a low-speed mixer before application. Surfaces applied as a continuous area must be joined using the "wet-on-wet" principle. Carry out plastering work without interruption on a given surface. Plan application breaks at colour junctions, in building recesses, under downpipes, etc. The plaster can be applied in one or two coats. The thickness of a single plaster coat should be from 1 to 2 mm. It can be adjusted with a notched trowel with teeth of a suitable height (from 1.5 to 3 mm), held at an angle of approx. 45°, or by the thickness of templates and guide battens. The second coat can be applied either to a partially set first coat or after it has completely dried. Apply the plaster to the substrate with a stainless steel trowel, spread and level. After application, the plaster can be trowelled, smoothed with a steel trowel or textured. The surface can be textured using various types of steel trowels and spatulas, brushes, texturing rollers, by brushing, scraping, dabbing, smoothing the surface, or by applying subsequent thin layers of the

material using the "wet-on-wet" method. To achieve the desired effects, different plaster colours can be combined. Interesting effects can be achieved by applying **ALPOL AI 785** colouring impregnator in a suitable colour to a partially set or completely dry plaster.

The plaster can be used to create imitations of bricks, blocks and cladding panels separated by joints. In this case, it can be applied in two coats (the first continuous coat as a base and the second coat to imitate the cladding) or in a single coat on a double-primed substrate in the appropriate colour. When creating imitations of small-sized bricks or blocks, suitable self-adhesive stencils must be used. To create an imitation of larger panels or cladding, it is recommended to separate the individual elements using previously applied masking tape or self-adhesive PVC guide battens with a thickness of 2 to 3 mm. Remove self-adhesive stencils and tape immediately after applying and texturing the plaster. It is recommended to remove the PVC battens after the plaster has partially set, so as not to damage the edges of the plaster imitating the cladding.

Tools

Low-speed electric mixer or drill, basket mixer, stainless steel trowels and steel floats, suitable tools for surface texturing (sponge floats, felt floats, Venetian floats, texturing rollers, combs or plastering brushes).

Working conditions

Before use, check if the colour is as ordered. Work in ambient temperatures between +5°C and +25°C. The plaster must not be mixed with other plasters, binders, fillers or colourants not included in the tinting system. Do not use dirty or rusty tools and containers. Avoid working in intense, direct sunlight, strong wind and high air humidity. Protect freshly applied surfaces by covering them with mesh. Improper conditions during the application and drying of the plaster can cause structural defects, as well as discolouration and differences in colour shade. Dark colours, for which the reflectance Y specified in the colour chart is less than 20%, should not be used on large areas in external building insulation systems (ETICS systems).

Storage

In original, undamaged, tightly closed containers at temperatures between +5°C and +25°C up to 12 months from the production date. Protect the product from freezing and overheating.

Notes

Technical data and application information are given for a temperature of (20±2)°C and relative humidity of (60±5)%. The drying and full hardening time may vary depending on conditions. Wear safety goggles. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Protect your skin by using protective clothing and gloves. Keep out of the reach of children. Clean fresh stains with water. The manufacturer assumes no liability for damage resulting from unskilful or improper use of the product.

General recommendations

Carry out plastering work in accordance with the principles of good building practice, standards and health and safety regulations, as well as the recommendations contained in the application instructions for ALPOL insulation systems.

Technical specifications

Composition: aqueous dispersion of silicone resin, mineral fillers, acrylic copolymer dispersion, pigments and additives

Volumetric density	approx. 1.9 kg/dm ³
Drying time	approx. 24 h
Final curing time	approx. 3 days
Water vapour permeability / water vapour diffusion resistance factor	V ₁ (high) / $\mu < 80$
Water absorption	W ₃ (low) / $w < 0.1 \text{ kg}/(\text{m}^2 \cdot \text{h}^{0.5})$
Thermal conductivity coefficient λ (tabulated value as per EN 1745, P=50%)	$\leq 0.82 \text{ W}/(\text{m} \cdot \text{K})$
Coverage	approx. 2 kg/m ²
Colour: natural, colours according to ALPOL colour charts or according to a supplied sample	

Warranty: 5 years for ALPOL thermal insulation systems.

The product is a component of the **ALPOL EKO PLUS STANDARD** and **ALPOL TERMO BIS** certified systems, for which the Declaration of Performance has been issued.

Reference documents: National technical assessment: ITB-KOT-2019/0810, ITB-KOT-2026/3087.

Certified by the National Institute of Hygiene (PZH).

Fidor, 13 July 2026. This product data sheet is valid and supersedes all previous issues.