

Megacrylic Plus

Product description:

Modern dispersion exterior paint based on silicone resin/pure acrylic with a mineral nature. The high degree of permeability and at the same time an excellent water-repellant effect provide for ideal structural-physical properties. Thanks to the safe feature, ideally preventive against excessive algae growth and microbial infestation.

Application:

Outdoors. For easy to fill weatherproof facade coatings resistant to industrial fumes. On plasters, sand-lime brick, concrete, exposed brickwork, etc.

Properties:

Thanks to the combination of silicone resin and pure acrylic, MEGA 401 Megacrylic Plus is particularly:

- low-stress
- diffusible
- resistant to driving rain
- mineral matte (surface appearance)
- highly colourfast, class A1 according to BFS 26 (MEGA Mix 2020 colour swatches)
- weatherproof according to VOB, Part C, DIN 18363
- highly water vapour permeable
- alkali-resistant
- resistant to industrial fumes
- good coverage and high degree of adhesion
- with film preservative against excessive algae growth and microbial infestation

Important information:

The effect of the film preservative used depends on the construction of the building, the ambient temperature and adherence to the specified coating system. The effect is temporary.

Technical specifications according to DIN EN 1062:

Gloss: matte	G ₃
Dry film thickness: >150 <200 µm	E ₃
Max. grain size: fine	S ₁
Water vapour permeability (s _d value):	V ₁
Water permeability (w value):	W ₃
Crack bridging: no requirement	A ₀

Binding agent basis:

Silicone resin pure acrylic basis

Spec. weight:

Approx. 1.6 kg/l

Gloss level:

mineral matte

Shade of colour:

White and can be tinted using the MEGA Mix paint mix service. The delivered colours must be checked for colour accuracy before application. Please observe BFS Bulletin no. 25. Tinting can result in a change in the promised properties. Colour shades can change over the course of time depending on pigment content, exposure to light and existing surface (e.g. material containing plasticisers).

Packaging size:

2.5 l, 5 l, 12.5 l

Application:

With paint roller, brush and airless sprayer. Stir the material well before use. Do not apply below +5 °C air and ambient temperature. Do not apply in direct sunlight, strong winds or to extremely warm surfaces. Apply MEGA 401 Megacrylic Plus wet-on-wet and quickly. The primer coat can be diluted up to a max. of 3 % with water. The finishing coat should not be diluted.

Surface:

The surface must be clean, dry and viable. Non-adherent old coats of paint, blooming, discolouration, algae growth and fungal infestation, fine-grain layers, chalklike layers as well as separating substances must be completely removed. Please observe the guidelines of the VOB, Part C, DIN 18363, sec. 3. Sandy or highly absorbent surfaces must be pretreated with MEGA 202 Hydro Primer or MEGA 220 Penetrating Primer TB. A priming coat with MDGA 251 Universal Primer or MEGA 253 Primer WP plus is possible for stable, viable and low absorbent surfaces. All stable, dry and clean surfaces, fresh exterior plasters in mortar group P II and P III according to DIN 18 550, old silicate and mineral as well as dispersion coats of paint and synthetic resin plasters are suitable.

Fresh plasters:

Allow fresh plasters to dry for at least 2 to 4 weeks untreated, depending on the season and temperature conditions. Allow mineral lightweight plasters and lime plasters CSI >1.0 N/mm² (P Ic) to dry for at least 4 weeks untreated.

Technical specifications

Dilution:

With water up to a max. of 3 %.

Cleaning the tools:

Clean immediately after use using water and soap.

Drying process:

Paintable after approx. 4 - 6 hours at +20 °C and 65 % rel. humidity. The drying process takes significantly longer at lower temperatures and/or higher humidity. The surface must be protected against moisture during the drying process.

Consumption:

Approx. 150 - 200 ml/m² for one coat on a smooth surface. Exact consumption data for the calculation must be determined on the object.

Airless spraying:

Dilution: up to a max. of 5 %
 Nozzle: 0.021 inch = 0.53 mm
 Pressure: 190 (160) bars
 Spraying angle: approx. 50°

General information

Processing/drying temperature:

At least +5 °C object and ambient temperature. Do not use over 25 °C.

Special information:

Two coats are required outdoors, to maintain the warranted properties. Approx. 4 - 6 h at normal temperatures. Adhere to drying time. Water-soluble auxiliary agents can be washed out if moisture caused by dew, fog, rain and particularly by driving rain penetrates the surface during the drying time. At worst, these can become visible in the form of sticky, slightly glossy smears. Mechanical stress can lead to colour changes in the case of tinted coatings, the so-called writing effect or filling agent/pigment breakdown. This does not have a negative effect on the weather resistance.

Storage:

Store in a dry, cool but frost-free place. Seal the opened container tightly.

Declaration of ingredients according to VdL directive 01 (Germany):

Polyacrylic resin, polysiloxane, calcium carbonate, silicates, water, additives, Preservative, film preservatives

Information on disposal:

Only give fully empty containers to recycling. Bring containers with remains to the collection point for old paints/varnishes. Liquid material residues can be disposed of as wastes resulting from water-based paints, dried up material residue in the form of hardened paints or as household waste.

EU threshold value for this product:

Product category: A/c
 40 g/l VOC (2010)
 This product contains a max. of 20 g/l VOC.

GISCODE:

BSW50

Observe the safety data sheet!

