

# Megafan Plus

## Product description:

Excellent weatherproof, versatile pure acrylic facade paint (house paint). Special functional fillers provide for a particularly quick drying of moisture such as rainwater or dew, which reduces soiling as well as algae growth and fungal infestation.

## Application:

Brilliant coloured synthetic dispersion paint based on pure acrylic for outdoor use. Permanently weatherproof, for plasters, concrete, wood (not for dimensionally stable wood components such as windows and doors), zinc, timber frame construction and to rework old elastic facade systems.

## Properties:

- highly cleanable
- highly elastic
- thin-filmed
- highest colour saturation even for intensive colour shades
- water vapour permeable
- not susceptible to algae growth and fungal infestation
- extremely fast surface drying
- excellent adhesive strength
- highest coverage
- untextured
- dull matte
- highly efficient
- very suitable for repairs
- quickly resistant to rain
- very low CO<sub>2</sub> permeability
- very low tendency of soiling
- high colour stability (category: A according to BFS Bulletin 26)

## 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: dull matte	G <sub>3</sub>
Dry film thickness: > 50 < 100 µm	E <sub>3</sub>
Max. grain size: fine	S <sub>1</sub>
Water vapour permeability (sd value): < 0.06 high	V <sub>1</sub>
Water permeability (w value): approx. 0.1 [kg/(m <sup>2</sup> · h <sup>0.5</sup> )] low	W <sub>3</sub>
Crack bridging: no requirement	A <sub>0</sub>
Carbon dioxide permeability: 160 m	C <sub>1</sub>

## Binding agent basis:

Pure acrylic dispersion

## Spec. weight:

Approx. 1.42 kg/l

## Gloss level:

Dull matte

## Shade of colour:

White and can be tinted using the MEGA Mix paint mix service.

## Packaging size:

1.5 l, 2.5 l, 5 l, 12.5 l

## Application:

Can be applied with a paint roller, paintbrush and airless device. Specifically optimized for application with MEGA Quick & Easy 4.0. Stir well before use. Do not apply below +5 °C air and surface temperature. Do not apply in direct sunlight, strong winds or to warm surfaces.

## Surface:

The surface must be clean, dry and viable. Non-adherent old layers of paint 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 MEGA 251 Universal Primer or MEGA 253 Primer WP plus is possible for stable, viable and low absorbent surfaces.

## 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/mm<sup>2</sup> (P lc) to dry for at least 4 weeks untreated.

## Technical specifications

### Dilution:

With water up to a max. of 5 %

### Tinting:

With commercially available, weatherproof bound full tone and tinting paints up to a max. of 5 %.

### Cleaning the tools:

Clean immediately after use using water.

### Drying process:

Surface dry and paintable after several hours at +23 °C and 50 % rel. humidity. Fully dry and load-bearing after approx. 6 - 8 days. Please observe a respectively longer drying time in the case of cool, damp weather.

### Consumption:

Approx. 150 - 200 ml/m<sup>2</sup> for one coat depending on the surface. Exact consumption data for the calculation must be determined on the object.

### Airless spraying:

Nozzle: 0.017" - 0.021" inch  
 Pressure: approx. 140 bars  
 Spraying angle: approx. 50°

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## General information

### Processing temperature:

At least +5 °C for air and surface.

### Please observe:

The work must be conducted taking the current rules and standards as well as the respectively current technical bulletins into consideration. Tinting can result in variations in the technical specifications. Marks caused by repairs on the surfaces depend on many factors and therefore, are unavoidable (BFS Bulletin no. 25). Surfactants/emulsifiers can be released from the coating after application in the event of premature exposure to moisture (dew, fog or rain). This can lead to smears that, depending on the colour intensity, can vary in the degree of visibility. This does not constitute a reduction of the quality of the product. Normally, these effects disappear on their own during the course of further weathering. Visible smears in areas not subjected to rain must be washed off promptly. Please proceed in this manner, particularly in the case of the bottom of roof overhangs, because the emulsifiers are extremely difficult to remove after longer drying phases. Contains biocides as film preservatives.

### Special information:

Two coats are required outdoors, to maintain the warranted properties. Approx. 4 - 5 h at normal temperatures. Adhere to drying time. Multiple coats may be required for intensive shades of colour.

### Storage:

Cool however, frost-free.

### Declaration of the substances of content:

Pure acrylic dispersion, titanium dioxide, filling agents, preservatives: Isothiazolinone derivatives, biocide as film preservative, additives

### Information on disposal:

Only give fully empty containers to recycling. Liquid material residues can be disposed of as wastes resulting from water-based paints, dried up material residue as construction 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 40 g/l VOC.

### Product code:

BSW50

### Hazard warnings and safety instructions:

Contains: 2-methyl-2H-isothiazol-3-one; 1,2-benzisothiazol-3(2H)-one; mixture of: 5-chlorine-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Can cause allergic skin reactions. Harmful to aquatic organisms, with long-term effect. Attention! Dangerous respirable droplets can form when spraying. Do not inhale aerosols or droplets. Keep out of the reach of children. If a physician needs to be consulted, have packaging or identification label at hand. Wear safety gloves/protective clothing/protective goggles/face shield. If skin irritations or rashes occur: consult a physician / seek medical attention. Avoid release into the environment. Dispose of the content/container in accordance with local regulations. Contains biocides as film preservatives: 2-octyl-2H-isothiazol-3-one, terbutryn, zinc pyrithione.

### WHC 1:

Self-classification, slightly hazardous to water

### Observe the safety data sheet!

