

### INSULATING

# MILAMAT

Stain blocker for walls and ceilings



### MAIN ADVANTAGES

- Efficiently isolates even the most persistent stains and dirt
- High resistance to washing off and scrubbing
- For mineral and painted substrates

### AREAS OF APPLICATIONS

Modern renovation paint for performing base and surface paint coatings inside buildings. It is intended for painting very dirty surfaces of walls and ceilings covered with hard to remove nicotine, soot stains and dry stains left after water patches. It can be used for painting of all mineral substrates (such as cement plasters, cement-lime plasters, lime plasters and skim coats and drywalls) and those covered with well set and bound polymer-based coats. Absorbent or chalking substrates should be primed with **BUDOGRUNT WG** or **AQUALIT** before paint application.

### TECHNICAL SPECIFICATION

**Base binder:** specially modified alkyd binder;

**Pigments:** titanium dioxide white powder;

**The content of volatile organic compounds VOC:** cat. A/a. The product contains less than 30 g / lVOC;

**Density:** ca. 1.30 g/cm<sup>3</sup>;

**Diluent:** water;

**Colour:** white;

**Gloss level:** matt;

**Average coverage:** ca. 0.20 l/m<sup>2</sup> (with double painting on a smooth substrate);

**Temperature of application (air and substrate):** from +5°C to +25°C;

**Relative humidity:** ≤80%;

**Resistance to wet scrubbing:** paint of class II (per PN-EN 13300 standard) paint of class I (per PN-C-81914:2002 standard).

**Packaging:** Single-use plastic packaging of 1l

**Storage:** The product should be stored in its sealed packaging in a cool room protected against frost and direct sunlight.

**Note:** The product must be kept out of the reach of children.

**Shelf life:** Originally sealed products have a 12-month shelf life from the date of production (this is printed on the side of the packaging).

### APPLICATION METHOD

**SUBSTRATE PREPARATION:** The substrate should be sound/stable (without cracks and delaminations), degreased and dry. In the case of fungal growth, the substrate should be mechanically cleaned and then disinfected with an indoor fungicide. Any loose layers not bound to the substrate (i.e. loose render or flaked coatings) should be removed. The remnants of adhesive or lime paints should be thoroughly removed and the substrate washed with water. Old and/or dirty substrates should be washed off and degreased with water and **CLEANFORCE** cleaning agent. For uneven substrates, first use **KOMBI FINISZ** levelling compound and then level the surface with **PROFINISZ** ready-to-use finishing compound.

**PRIMING:** Absorbent or dusty (strongly chalking) substrates should be primed with **BUDOGRUNT WG**. Gypsum substrates or non-uniform ones should be primed with **AQUALIT**. Typical drying time ca. 3 h for the product applied on the substrate or base in optimum conditions (20°C, 55% RH). **Attention:** Substrates of low wettability (such as top coats based on polymers or dispersion paint coatings) should not be primed and only washed with water with an addition of **CLEANFORCE** cleaning agent.

**APPLICATION:** The packaging contains a ready-to-use product. Do not dilute in the case of isolating stains. Before application, the product should be thoroughly mixed. Paint should be applied on the substrate in 1 or 2 layers (depending on the level of contamination) by means of a brush, roller or spraying (including also 'airless' method). It is recommended to use a fleece paint roller with a bristle length of 18 mm. The second coat can be applied only after the first one is completely dry, observing the interval between the layers amounting to min. 3-4 hours. Then, the whole surface should be painted with **MILAMAT** or another paint for interiors of KABE brand. If the whole surface is painted with **MILAMAT**, if required, add a small amount of clean water (adding max. 10% of volume).

Spraying parameters for an airless type device:

Manufacturer	Device	Nozzle	Pressure [bar]	Filter [mesh]	Dilution [%]	Usage [l/min]
GRACO	St Max II 495	PAA517	170	60	5	2.3

**DRYING:** Typical drying time of a single layer of paint applied to the substrate lasts approx. 3 h (20°C, 55% RH). The total drying time is 4-6 hours depending on the paint consistency and substrate water absorptivity. **Note:** The drying time may be longer due to low temperatures and high relative humidity. After painting, closed rooms should be aired until the specific smell disappears. The coating obtains its full mechanical and functional properties after 4 weeks.

**USEFUL HINTS:** To avoid colour differences, a single batch product should be used on a single application / architectural element. Application and drying of the paint requires air temperature above +5°C. All tools to be cleaned with water after finishing work.