

Decomet G



DECOLOR

» House of colors «

Plaster



Acrylic siloxane top coat render.

DESCRIPTION

DECOMET G 1,5 and 2,0 is pasty thin-coat render finishes based on polymeric binders with a characteristically textured surface. These renders provide decorative protection to façade wall surfaces for all types of buildings including multi-storey buildings with minimum projecting eaves. They adhere well to all coarse construction surfaces. The selected ratio between fine and rough fillers and a combination of modern thickening agents and substances for water retention assure these render finishes low toughness enabling easier application and expansion as well as significantly longer processing time of the applied render finishes. High content of siloxane additives, which are added to Decomet G renders, ensures high water repellency and high resistance to smoke, ultraviolet rays and other atmospheric factors and, consequently, solid resistance in any climate conditions. They are also characterised by high hardness and due to relatively high water-vapour permeability, which is not typical for acrylic render finishes they may also be applied as the final render finish to EWI systems made on mineral wool. Surfaces rendered with these finishes have an assured long-term resistance to contamination with wall algae and mould. Therefore it is not necessary to add any biocidal substances prior to application.

PACKAGING & STORAGE

Packaging unit:

Plastic packaging: 25 kg.

Storage:

In original and closed bucket at temperature from +5°C to +25°C, protected from the direct sunlight and frost, out of reach of children.

APPLICATION

The surface should be slightly rough, solid, dry and clean, without weakly bound particles, dust, easy water-soluble salts, oil stains and other filth. Any smaller uneven parts – protrusions and indentations – hinder the smoothing of the applied render finish; therefore it is important to attend to the preparation of the surface. Prior to the application of a decorative render finish, the newly applied base-coats have to dry at least 7 to 10 days for each cm of its thickness.

Prior to application, stir the render finish with an electric mixer. The render finish is applied manually - using a stainless steel smoothing trowel – or by spraying – in the thickness slightly above the diameter of the thickest grain. When the render finish is applied by spraying, follow the instructions of the producer of the mechanical equipment. Immediately after the application, smooth the surface with a solid plastic finishing trowel. Perform the smoothing by circular strokes until an evenly grained structure is achieved. Move the grains in the applied render finish coat as little as possible during smoothing to avoid material bulges in front of the trowel. Reasons for their occurrence are mostly a too thick render layer or an uneven or a not well enough prepared substrate. At the end – a few minutes after smoothing, push protruding lumps into the surface by smoothing the surface slightly using a clean stainless steel smoothing trowel.

The application of a decorative render finish is possible only in suitable weather or microclimate conditions: the temperature of the air and the wall surface should be between +5°C and +35°C and the relative air humidity should be below 80 %. Protect façade surfaces from sun, wind and rainfall with protective scaffold nettings; however, do not conduct any work in rain, fog or strong wind (≥ 30 km/h) despite such protection. In normal conditions ($T = +20^{\circ}\text{C}$, relative air humidity = 65 %), resistance of freshly processed surfaces to damage caused by precipitation (washing away of the application) is achieved in 24 hours at the latest. Thoroughly clean the tools with water immediately after use. Dried stains can not be removed.

Consumption: 2,5 kg/m² for 1.5 granulation, 3,1 kg/m² for 2.0 granulation

CHARACTERISTICS

- The render is distinguished by easy application and low toughness due to the selected ratio between fine and rough sand fillings
- Longer treatment time
- High water repellency and strength
- High resistance to atmospheric loads
- Relatively high water vapour permeability
- Suitable as render finish on contact facade thermal insulation systems made on mineral wool
- Long-term resistance to infection with wall algae and mould

