

**SAND PRIMER FOR SILICATE PLASTER
G9104**

TEHNICAL DATA SHEET

Product description:

Description:	G9104 is a white primer for silicate plasters based on potassium silicate, filler and quartz. G9104 plaster primer is coloured with KOLOR EXPLORER computerised tinting system.
Use:	It is used for priming interior and exterior mineral surfaces as a base coat prior to the application of KTE9300 series silicate decorative plasters.
Main characteristic elements:	<ul style="list-style-type: none"> - improves plaster adhesion to the substrate - increases the system's resistance - easy to apply - fast drying - environmentally friendly - equalizes surface absorption
Shelf life in packaging:	48 months from the date of manufacture, subject to compliance with packaging and storage conditions; depending on storage conditions, product should be mixed before use.
Packaging:	25 kg net plastic containers.
Compatibility:	G9104 product should not be mixed with products other than those recommended for tinting by the manufacturer.
Storage:	In closed, cool, dry, covered, ventilated spaces, protected against weather and solar radiation, away from fire sources, at temperatures between 5 - 25°C. Protect against frost and direct sunlight.
Shipping:	The products are shipped by covered means of transport according to the regulations in force.
Certification:	G9104 product has a technical agreement drawn up by URBAN-INCERC Bucharest and issued by the Permanent Technical Council for Constructions - Bucharest.

Application instructions

Recommended substrates:	<p>It is recommended to apply G9104 silicate primer on old and new mineral surfaces:</p> <ul style="list-style-type: none"> ➤ plasters / grouts based on sand-cement-lime, grout groups: CSII/CSIII and CSIII/CSIV according to DIN EN 998-1, can be finished after complete drying, usually 2 weeks at approx. 20 °C and relative humidity of the environment of max. 65%. <p>In case of unfavourable weather conditions, such as wind or rain, allow a longer drying time (about 4 weeks).</p> <ul style="list-style-type: none"> ➤ Concrete surfaces <p>New concrete surfaces: allow to cure approx. 28 days before the plasters are applied. Old concrete surfaces: with soil deposits or with a flaky coating are cleaned mechanically or with a high pressure water jet.</p> <ul style="list-style-type: none"> ➤ Brick masonry ➤ Thermal insulation systems with polystyrene and mineral wool ➤ Old plasters <p>Plaster repairs must be thoroughly hardened and dried. Matte, slightly absorbent surfaces can be coated without prior preparation. Dirty, chalky old coatings are pre-cleaned with high-pressure water jet.</p>
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<u>Substrate preparation:</u>	<p>Surfaces to which it is applied must be smooth, clean, dry, solid and free of grease, dust or other substances that could prevent adhesion and free of efflorescence. Do not apply to horizontal surfaces with water accumulation.</p> <p>Remove mold, moss or algae with a pressurised water jet, wash the surface thoroughly with mold killing solution and allow to dry.</p> <p>Surfaces soiled by industrial fumes or soot are washed at high pressure water jet with added detergents, in accordance with legal provisions.</p>
<u>Drying time:</u>	<p>At +20°C and relative humidity of max. 65% can be painted after 2 hours.</p>
<u>Specific consumption:</u>	<ul style="list-style-type: none"> • 5 - 6 m²/l/coat <p>Consumption depends on application conditions (surface geometry, application method, environmental conditions, nature and preparation of surface).</p>
<u>Product preparation:</u>	<p>If necessary, G9104 can be diluted up to 10% with clean, cold water (15-25°C) to adjust viscosity.</p> <p>Warning! Opened packaging should be used as soon as possible, and in case of product remaining in the packaging, you are advised to staple it very well to avoid air penetration and compromise the product quality.</p>
<u>Method of application:</u>	<p>Condition the product at a temperature of 12-30°C, homogenize well and apply by brushing or rolling on suitably prepared surfaces. Apply a coat of G9104 silicate plasters primer undiluted or diluted maximum 10% with clean cold water (15 -25°C) on the properly prepared surface.</p>
<u>Application conditions:</u>	<ul style="list-style-type: none"> • optimal range for application: 12-30 °C • environment and surface temperature: 12-30 °C • relative humidity: max. 65% • product temperature: 12-30 °C. <p>The product should not be applied below 12°C, during strong winds, in high humidity conditions (fog, snow or other meteorological conditions), in areas exposed to bad weather and water leaks or in direct sunlight. Do not apply to horizontal surfaces on which rain falls perpendicularly (roofs, sills etc.).</p>
<u>Tools cleaning:</u>	<p>Wash the application tools with water immediately after use.</p>
<u>Security Data:</u>	<p>See the product safety data sheet.</p>
<u>Occupational safety:</u>	<p>As a water-thinnable product, it does not pose particular occupational safety problems. Avoid contact with skin, eyes and mucous membranes. In case of skin contact, wash with warm water and soap. In case of eye contact, wash thoroughly with water and then see a specialist.</p>
<u>Note:</u>	<p>All these data are of a general nature regarding the performance and use of the product, therefore we recommend testing the product under the conditions of the beneficiary's own application technology. For further clarification, please contact the manufacturer.</p>