

# Siloxanputz K/R

**Siloxane-reinforced façade render according to EN 15824 with high water vapor permeability.**

**Material Properties** Highly permeable to water vapor, water-repellent and low stress. With encapsulated film protection.

**Substrate** As a finishing coat on substrates made of

- Concrete
- Lime and lime-cement plasters of categories CSII, CS III and CS IV (previously MG P II and P III))
- mineral reinforcement or levelling plaster layer for the renovation of plaster facades
- Reinforcement layers of external thermal insulation composite systems

All substrates must be dry, sound, clean and free of adhesion-reducing residues.

**Consumption**

- **K1** // ca. 2,2 kg/m<sup>2</sup>
- **K1,5** // ca. 2,7 kg/m<sup>2</sup>
- **K2** // ca. 3,0 kg/m<sup>2</sup>
- **K3** // ca. 3,8 kg/m<sup>2</sup>
- **R1,5** // ca. 2,5 kg/m<sup>2</sup>
- **R2** // ca. 3,0 kg/m<sup>2</sup>
- **R3** // ca. 3,8 kg/m<sup>2</sup>

**Technical Data**

- **Classification** // Exterior render according to EN 15824 with organic binders
- **Density** // ca. 1,8 kg/dm<sup>3</sup>
- **Tensile strength** // >= 0,3 MPas according to EN 1542
- **Water vapour permeability S<sub>d</sub>** // class V1 (high) according to EN ISO 7783-2
- **Water absorption** // class W3 (low) according to EN 1062-3

<b>CE</b>	<b>DIN EN 15824</b> Plaster with organic binders for exterior use	<b>Durability (frost resistance)</b> NPD
<b>11</b>	<b>Water vapour permeability</b> V1 high	<b>Thermal conductivity λ 10dry, mat</b> NPD
huma farben GmbH D-73563 Mögglingen	<b>Water absorption</b> W3 low	<b>Reaction to fire</b> B-s1, d0
	<b>Tensile strength</b> >= 0,3 N/mm <sup>2</sup>	<b>Product</b> Siloxane façade plaster



**Application** Material is ready for use after brief stirring with a slow-speed agitator. If necessary, adjust consistency with a little water. Apply plaster to grain thickness with a stainless-steel trowel or spraying device and texture with a plastic trowel. Rougher textures are achieved when using wooden or polystyrene boards.

Clean tools with water immediately after use. To avoid build-up and structural defects, work quickly wet-on-wet and use sufficient labour for larger areas. On contiguous surfaces, only use material with the same batch number or mix materials with different batch numbers beforehand. Carefully cover neighbouring areas. Wash off splashes immediately with plenty of water. Do not use at air and building structure temperatures below +5°C, as well as in direct sunlight, draughts or expected night frosts.

**Attention should be paid to**

VOB, Part C, DIN 18363, Sections 2 and 3, as well as the BFS data sheets for the relevant work areas.

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<b>Application</b>	<p><b>WE-special adjustment</b>          The rapid drying of the surface leads to early rain resistance. Alkaline substrates prevent the accelerate drying and can lead to colour deviations. Drying is physical and therefore strongly dependent on temperature, humidity and air movement. The relative humidity must not exceed 95 %. The lowest processing temperature for air and building structure temperature is +1°C. It is recommended that protective measures (rain protection) are taken on the façade as a precaution.</p>
<b>Surface Coating</b>	<p>As a rule, no further coating is required. If required, the render can be finished with façade paint once it has dried.</p>
<b>Packaging</b>	<ul style="list-style-type: none"> <li>• 25 kg/pail</li> <li>• 24 pails/pallet</li> </ul>
<b>Storage</b>	<p>Store the pail tightly closed in a cool and frost-free place.</p>
<b>Please note</b>	<p>Protect eyes and skin.          Giscode BSW50</p>
<b>Advisory service</b>	<p>The information in this data sheet only represents general guidelines. If you have any technical questions regarding a specific application, please contact our sales office.</p>
<b>Visual Appearance</b>	<p>scraped structure (K), groove plaster (R)</p>
<b>Colours</b>	<p>White or tinted</p>
<b>Options</b>	<p> AF – Supplementary protection against algae and fungal infestation</p> <p> WE – Early rain resistance for temperatures from +1°C to 10°C</p>

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Safety data sheet available on request.

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