

SilikonPutz

Product	Ready to use, silicon resin based decorative thin coat render, for manual and machine application.																																						
Suitable Uses	Ready to use, décor render finish onto concrete, all standard mineral basecoats, the reinforced meshing coats of insulation renders and ETICS and fillers. For producing a decorative, white or coloured scratched or rolled textured finish in external and internal areas. Component of the Baunit Thermal Insulation Composite System.(ETICS)																																						
Composition	Silicon emulsion, organic binder, mineral fillers, additives and water																																						
Performance	Ready to use, machine applicable, workable, easily textured, decor finish render, with good adhesion. Low tension drying. Once hardened, SilikonPutz is hydrophobic, weather and frost resistant with low staining tendencies, water vapour permeable, impact and scratch resistant. Easy to apply and washable. SilikonPutz is available in white or coloured with optional anti-fungus properties.																																						
Technical Data	<table border="0"> <tr> <td>Max grain size:</td> <td>1.5mm, 2mm, 3mm</td> </tr> <tr> <td>Solids content:</td> <td>approx. 80%</td> </tr> <tr> <td>Density:</td> <td>approx. 1.8 kg/dm³</td> </tr> <tr> <td>Thermal Conductivity value:</td> <td>approx. 0.7 W/mK</td> </tr> <tr> <td>μ-value:</td> <td>approx. 38</td> </tr> <tr> <td>s_d-value:</td> <td>< 0.30 m</td> </tr> <tr> <td>water absorption:</td> <td>< 0.30 kg/m²h^{0.5}</td> </tr> </table> <table border="0"> <thead> <tr> <th>Product name</th> <th colspan="3">Scratched texture</th> <th colspan="2">Rolled grain texture</th> </tr> <tr> <th>Grain size [mm]:</th> <th>(K) 0 – 1.5</th> <th>(K) 0 – 2</th> <th>(K) 0 – 3</th> <th>(R) 0 – 2</th> <th>(R) 0 – 3</th> </tr> </thead> <tbody> <tr> <td>Coverage approx. [kg/m²]:</td> <td>2.5</td> <td>3.2</td> <td>4.7</td> <td>3.0</td> <td>3.9</td> </tr> <tr> <td>Yield approx. [m²/ Tub]:</td> <td>10</td> <td>7.8</td> <td>5.3</td> <td>8.3</td> <td>6.4</td> </tr> </tbody> </table>	Max grain size:	1.5mm, 2mm, 3mm	Solids content:	approx. 80%	Density:	approx. 1.8 kg/dm ³	Thermal Conductivity value:	approx. 0.7 W/mK	μ-value:	approx. 38	s _d -value:	< 0.30 m	water absorption:	< 0.30 kg/m ² h ^{0.5}	Product name	Scratched texture			Rolled grain texture		Grain size [mm]:	(K) 0 – 1.5	(K) 0 – 2	(K) 0 – 3	(R) 0 – 2	(R) 0 – 3	Coverage approx. [kg/m ²]:	2.5	3.2	4.7	3.0	3.9	Yield approx. [m ² / Tub]:	10	7.8	5.3	8.3	6.4
Max grain size:	1.5mm, 2mm, 3mm																																						
Solids content:	approx. 80%																																						
Density:	approx. 1.8 kg/dm ³																																						
Thermal Conductivity value:	approx. 0.7 W/mK																																						
μ-value:	approx. 38																																						
s _d -value:	< 0.30 m																																						
water absorption:	< 0.30 kg/m ² h ^{0.5}																																						
Product name	Scratched texture			Rolled grain texture																																			
Grain size [mm]:	(K) 0 – 1.5	(K) 0 – 2	(K) 0 – 3	(R) 0 – 2	(R) 0 – 3																																		
Coverage approx. [kg/m ²]:	2.5	3.2	4.7	3.0	3.9																																		
Yield approx. [m ² / Tub]:	10	7.8	5.3	8.3	6.4																																		
Packaging	Plastic tubs, 25 kg contents. (24 tubs per pallet = 600 kg)																																						
Storage	In sealed tubs, cool temperatures but not lower than + 5°C. Do not store for longer than 12 months.																																						
Quality Assurance	The product undergoes in-house monitoring, using a quality management system which conforms to the current international standard DIN EN ISO 9001 and the environmental standard ISO 14001, certified by TÜV.																																						
Health and Safety	<table border="0"> <tr> <td>Hazard label:</td> <td>S 2</td> <td>Not applicable</td> </tr> <tr> <td rowspan="3">S-phrases:</td> <td>S 24/25</td> <td>Keep away from children</td> </tr> <tr> <td>S 26</td> <td>Avoid contact with skin and eyes</td> </tr> <tr> <td>S 37/39</td> <td>In case of eye contact, rinse with plenty of water and see medical assistance</td> </tr> <tr> <td></td> <td></td> <td>Wear suitable protective clothing and safety goggles.</td> </tr> </table>	Hazard label:	S 2	Not applicable	S-phrases:	S 24/25	Keep away from children	S 26	Avoid contact with skin and eyes	S 37/39	In case of eye contact, rinse with plenty of water and see medical assistance			Wear suitable protective clothing and safety goggles.																									
Hazard label:	S 2	Not applicable																																					
S-phrases:	S 24/25	Keep away from children																																					
	S 26	Avoid contact with skin and eyes																																					
	S 37/39	In case of eye contact, rinse with plenty of water and see medical assistance																																					
		Wear suitable protective clothing and safety goggles.																																					
Background	<p>Suitable backgrounds are mineral plasters and renders, cementitious building materials, silicate-,silicon dispersion paints and renders, organic fillers, gypsum plasters, plasterboard and ETICS reinforcing mesh coats. The background should be stable, clean, dry and free from grease and other film forming contaminants. Remove any loose materials, flaking paint and lime wash.</p> <p>Render basecoat backgrounds must be fully cured and dry. Observe the standing time and weather conditions for render basecoats. At least 7 days for renders and 2 days for thin coat renders (reinforcing mesh coats ETICS) Ensure that there is no damp penetration within or from the background itself.</p>																																						

Application

UniversalGrund primer should be applied at least 24 hours before **SilikonPutz** decorative render finish. Use appropriate protection measures for glass, timber etc.

SilikonPutz is a ready to use silicon-based decorative thin coat render. Do not mix with other materials. **SilikonPutz** can be thinned with up to 5% water. **SilikonPutz** should be well mixed before application using an electric hand mixer on a slow speed setting.

Apply **SilikonPutz** manually or with a suitable spraying machine, and smooth out flat to the grain thickness using a stainless steel plastering trowel.

Shortly afterwards, texture with a plastic float, moving in tight circular motions over the surface.

Apply systematically, keeping a wet edge and finish complete sections at a time.

Tips

Do not apply in direct sunlight, rain or wind or protect the working area appropriately. (Scaffold nets).

High humidity and low temperatures can increase curing times considerably.

Protect other materials such as glass, ceramics, bricks, natural stone or metal etc from contamination with appropriate coverings. Rinse away any unwanted splashes immediately before they harden. Rinse tools with water after use.

Order enough **SilikonPutz** for the project in one delivery to ensure against colour variations. Observe the light fastness requirements for ETICS and insulation renders, (not under 20 for mineral renders).

For areas subject to plant growth (shadowed areas with long exposure to moisture, trees in the immediate vicinity) **SilikonPutz** with built-in anti fungicides are available to prevent mould growth occurring on the walls.

Do not apply or allow to dry under an air or wall temperature of +5°C and falling or more than + 30 °C. Observe the guidelines stated in DIN 18558 and DIN 18350 (VOB, Part C) and the conditions stated in the “General Building Approval” certificate.

Unsere anwendungstechnischen Empfehlungen, die wir zur Unterstützung des Käufers/Verarbeiters aufgrund unserer Erfahrungen geben, entsprechen dem derzeitigen Erkenntnisstand in Wissenschaft und Praxis. Sie sind unverbindlich und begründen kein vertragliches Rechtsverhältnis und keine Nebenverpflichtungen aus dem Kaufvertrag. Sie entbinden den Käufer nicht davon, unsere Produkte auf ihre Eignung für den vorgesehenen Verwendungszweck selbst zu prüfen. Die allgemeinen Regeln der Bautechnik müssen eingehalten werden. Änderungen, die dem technischen Fortschritt und der Verbesserung des Produktes oder seiner Anwendung dienen, behalten wir uns vor. Mit Erscheinen dieser Technischen Information sind frühere Ausgaben ungültig. Aktuellste Informationen entnehmen Sie unseren Internet-Seiten.