

### Product technical sheet:

<b>Description of the product</b>	A water-based mixture containing hydrophobic acrylic emulsions and modifying, preserving and refining agents as a basis for the production of mosaic plaster.
<b>Application</b>	<ul style="list-style-type: none"> <li>It is a binder in the production of mosaic plaster.</li> <li>Material for indoor and outdoor use of residential and public buildings (healthcare facilities, educational establishments, recreational and industrial facilities)</li> <li>The product can be used on all typical mineral substrates such as: concrete, cement, cement-lime, lime-cement, gypsum plasters, etc. - 28 days after their production.</li> </ul>
<b>Physical characteristics of SICON PREMIX</b>	
Form	Modified acrylic emulsion
Pot life	The temperature and humidity of the air affect the binding time.
Theoretical mixture consumption	6.8 kg per 25 kg of finished product
Colour and odour	Milky white gel, characteristic acryl odour
Hygiene tests	Complies with the requirements;
Curing time	Air temperature and humidity affect curing time
Viscosity (according to Brookfield DV-II). Test performed at 20°C using 06 spindle and at 20 RPM.	42200~55600 mPa*s
pH	7.3- 7.7
Residue after drying	24.5-27.5%
<b>Application</b>	
<b>Preparation of the substrate</b>	The substrate must be load-bearing, compact, dry, free of dust, dirt, salt efflorescence, and organic residues (oils, fats, etc.). Any algae and fungi present must be completely removed. Prime heterogeneous or highly absorbent mineral substrates with a suitable agent.
<b>Application conditions</b>	Substrate and ambient temperature during plaster application and drying should be between + 5°C and + 30°C. Optimum application temperature +20°C. Do not apply the plaster in high wind, direct sunlight, rain without protective equipment (mesh, tarpaulin). These conditions shall be maintained for min. 3 days after application. Immediately after application, the plaster has a milky-white colour, which disappears as the coating cures. Prolonged increased ambient humidity and temperatures below + 5°C will adversely affect the drying process, so these conditions should be avoided. Failure to comply with the above recommendations or improper preparation of the substrate may lead to permanent discolouration on the plaster surface, and in extreme cases to a reduction in its durability, or even detachment.
<b>Storage conditions</b>	Storage period in the original closed container: 6 months from the date of production at +5 C to +30 C. Opening the package can significantly shorten this time. The date of production, the assortment and the batch number are shown on the packaging lid.
<b>Comments and recommendations</b>	
<b>Health and safety conditions</b>	If medical advice is needed, show the container or label. Keep out of reach of children. Wash hands thoroughly after use. May cause an allergic reaction. Follow the safety data sheet.
<b>Final remarks</b>	<p>These specifications are based on trials and laboratory tests. The practical results of the measurements may differ from those provided, due to circumstances beyond the control of Sicon. All information is given in good faith and takes into account current knowledge and experience. The product documentation is general information, appropriate under certain conditions.</p> <p>It is recommended that the purchaser carry out an application test under specific construction environmental conditions prior to large-scale application of the product. The supplier has no influence on the types of application, application methods or execution conditions on the site, therefore these instructions may not be held responsible for the end result of the application Recommendations of Sicon's associates that deviate from the information in the technical sheet are mandatory only if they are confirmed in writing.</p> <p>Release Date: 02/2019</p> <p>All previously issued sheets of the Sicon Premix system shall expire on the date of issue of this sheet.</p>