

<b>Description of the product</b>	Colourless, two-component, water-soluble, polyurethane varnish. It is ideal as a sealing film for smooth systems and for loose aggregate applications. It has an intermediate effect between matte and satin. It improves the mechanical and operational performance of the floor.	
<b>Application</b>	<ul style="list-style-type: none"> <li>As a finishing varnish, for smooth polyurethane and epoxy floors,</li> <li>Material for indoor use as a sealing layer.</li> <li>For use on walls and floors made from micro-cement.</li> </ul>	
<b>Properties</b>	<ul style="list-style-type: none"> <li>Very high traction,</li> <li>Satin finish effect,</li> <li><b>Very high yield, up to 14 m<sup>2</sup> of floor area can be covered from 1 kg</b></li> <li>Good mechanical performance,</li> <li>High chemical resistance,</li> <li>Good resistance to abrasion,</li> <li>Provides hydrophobic properties,</li> <li>Low viscosity,</li> <li>Ease of application.</li> </ul>	
<b>Physical properties of Siconofloor FUTU-PU</b>		
<b>Form</b>	Component A white odourless liquid	
	Component B colourless hardener	
<b>Density (according to EN ISO 1675)</b>	Component A	0.95~1.1 g/cm <sup>3</sup>
	Component B	0.99~1.15 g/cm <sup>3</sup>
<b>Shelf life</b>	3 hours at 23°C	
<b>Theoretical mixture consumption</b>	0.15~0.2 kg/m <sup>2</sup> when used as a varnish (for smooth surfaces, for rough surfaces, consumption is increased)	
<b>Colour and odour</b>	Component A white and odourless.	
	Component B transparent and odourless	
<b>Hygiene tests</b>	Meets requirements; hygiene approval No. HK/B/0757/02/2015	
<b>Curing time</b>	Light loads after 24 hours at 25°C	
	Full load capacity	7 days
<b>Viscosity (according to Brookfield DV-II). Test performed at 18.4°C using 04 spindle and at 20 RPM.</b>	Component A	1450~1650 mPa*s
	Component B	630~660 mPa*s
<b>Application</b>		
<b>Application methods</b>	Mix component A initially, then add component B ( <b>mixture ratio 100A:20B</b> ), stir the ingredients until a homogeneous consistency is achieved, but not less than 3 minutes. The mixing ratios of component A and component B are indicated on the packaging and must not be changed. A change in the ratio will result in the product having characteristics different from those declared by the manufacturer. Too long stirring may cause aeration of the resin and should therefore be avoided. Use a slow speed electric stirrer (300 to 400 rpm) or other suitable equipment to mix the resin.	
<b>Sealing film for smooth systems</b>	Apply SICONOFLOOR FUTU-PU using a fine-hair velvet roller according to the art of painting, making sure that a uniform, continuous coating is obtained. Apply at approximately capacity 70 g/m <sup>2</sup> . Paint in cross-wise fashion.	
<b>Layer sealing poured systems</b>	Apply SICONOFLOOR FUTU-PU using a fine-hair velvet roller according to the art of painting, making sure that a uniform, continuous coating is obtained. Apply at approximately 70 g/m <sup>2</sup> . Paint in cross-wise fashion. Wash the tool with water immediately after use. Hardened or bound material can only be removed mechanically.	
<b>Storage conditions for kit components</b>	SICONOFLOOR FUTU-PU resin is a material with a reduced tendency to crystallize. Store in a dry place at 5~30°C. Components A and B in the liquid state are water-polluting agents and should not enter sewage systems, land or water courses. The resin after curing is neutral for the environment.	
<b>Comments and recommendations</b>		
<b>Health and safety conditions</b>	Wear protective clothing, gloves and goggles whenever handling resin. When working in confined or enclosed spaces, and during drying, adequate ventilation must be provided. Do not weld or expose open flames during the work. Use lighting lamps with the appropriate protection. Detailed information on health, safety and environmental data, toxicological properties of the material, etc. is available in the Material Safety Data Sheet for SICONOFLOOR FUTU-PU. Do not allow contact with the skin. Avoid breathing vapours from heated material. Do not allow individual components to come into contact with acids, strong oxidizers, alkalis. All employees should be thoroughly trained in the handling of epoxy resins and hardeners for existing hazards. Allergy sufferers must not be commissioned to work with resins. Protective gloves and goggles must be worn if there is a risk of resins splashing. Always wash your hands with water and mild cleaning agents after contact with the skin. Do not use benzene, toluene or carbon tetrachloride! For hygiene reasons, do not consume food or drinks in the workplace and do not smoke. Do not use solvents to clean floors covered by SICONOFLOOR FUTU-PU.	
<b>Final remarks</b>	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 manufacturer indicates that the colour of the finished floor may vary. This phenomenon does not indicate a defect in the floor or reduced technical parameters. Possible discolouration may occur due to the way the work and drying are performed. It is recommended that particular areas be covered from batches of material from one production run. The product	

**Sicon Spółka z ograniczoną odpowiedzialnością Sp. k.**

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	<p>documentation is general information, appropriate under certain conditions. 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. Release Date: 02/2019. All previously issued sheets of the product Siconofloor FUTU-PU shall expire on the date of issue of this sheet.</p>
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