

## SOLID AND DURABLE INDUSTRIAL FLOOR

SICONOFLOOR PU-SB UV

## **Product technical sheet:**

Description of the				cterised by resistance to UV radiation. It is ideal							
product Application		for thick layer floors and protective coatings with flexible properties.									
Application	<ul> <li>The possibility of applying material with an adjustable layer thickness,</li> <li>Material for indoor use as a structural layer,</li> </ul>										
				e ability to transfer stresses are required,							
			stems with an adjustable								
Properties		dhesion between layers		augrou or arm one.							
Tropolitics	Possibility of bridging scratches and cracks in the substrate,										
	Adjustable layer thickness, elasticity and anti-slip properties,										
	Resistant to UV radiation,										
	High chemical resistance,										
	<ul> <li>Good resistance to abrasion,</li> <li>Good mechanical characteristics (high flexibility, tensile strength, bending strength),</li> <li>Provides hydrophobic properties,</li> <li>Ease of application,</li> <li>Versatility.</li> </ul>										
							Versaulity.     Frost resistance,				
							. 1001 100101		es of Siconofloor PU-SE	3-UV	
						Form		Component A modifie			
Form		Component B isocya									
Density (according to	PN FN ISO 1675)	Component A for RAL 7040		~1.5 g/cm <sup>3</sup>							
Density (according to PN EN ISO 1675)		Component B		~ 1.1 g/cm <sup>3</sup>							
Pot life		45 minutes at 20°C									
Theoretical mixture consumption		Minimum 2.2 kg/m² when used as a smooth screed									
Colour and odour		Component A coloured and odourless  Component B transparent with a characteristic odour									
Hygiene tests		Complies with requirements;									
Practical mixture cons	umption	Strongly depends on	the intended use, aggreg	gate fraction, the application technique, application							
	'	conditions, and the de		er 24 hours at 25°C							
Curing time		Full load capacity		7 days							
			ties of Siconofloor PU-S								
	Dust dryness	moonumou propon		12 hours at 20°C							
ShA hardness (after 7 d											
ShA	hardness (after 7 c	lays)		~ 55°							
			Application								
Droporotics of the	The substrate must have sufficient compressive strength (minimum 25 N/mm²). The surface must be level, slightly										
Preparation of the			rough, strong and dry, and free from non-bound particles. The "pull off" test should not give a result of less than 1.5 N/mm². If in doubt, apply in a reference area. Fragments of understrength substrate, cement milk and fragments								
substrate	rough, strong a										
	rough, strong as N/mm <sup>2</sup> . If in do	ubt, apply in a referenc	e area. Fragments of un	derstrength substrate, cement milk and fragments							
	rough, strong as N/mm². If in do contaminated b	ubt, apply in a referenc y oils must be remove	e area. Fragments of und d mechanically, e.g. by	derstrength substrate, cement milk and fragments shot blasting or milling. The substrate must have							
	rough, strong at N/mm². If in do contaminated bopen pores be vacuumed.	ubt, apply in a referency y oils must be remove fore the material is ap	e area. Fragments of under the deciral of the deciral of the material of the deciral of the deci	derstrength substrate, cement milk and fragments shot blasting or milling. The substrate must have all is applied, the substrate must be dusted and							
substrate  Application	rough, strong an N/mm². If in do contaminated b open pores be vacuumed.  The substrate	ubt, apply in a reference yoils must be remove fore the material is apprended to the material becamperature should be	e area. Fragments of und mechanically, e.g. by splied. Before the materi +5~30°C (optimum +10	derstrength substrate, cement milk and fragments shot blasting or milling. The substrate must have all is applied, the substrate must be dusted and -29°C). Note that the lower the temperature, the							
substrate	rough, strong an N/mm². If in do contaminated boopen pores be vacuumed.  The substrate forms takes	ubt, apply in a reference yoils must be remove fore the material is appearance should be for SICONOFLOOR F	e area. Fragments of und mechanically, e.g. by splied. Before the materion +5~30°C (optimum +10 PU- SB UV to cure. The	derstrength substrate, cement milk and fragments shot blasting or milling. The substrate must have all is applied, the substrate must be dusted and -29°C). Note that the lower the temperature, the ambient temperature should be +5~30°C. The							
substrate  Application	rough, strong an N/mm². If in do contaminated bopen pores be vacuumed.  The substrate longer it takes moisture conter	ubt, apply in a reference yoils must be remove fore the material is appearature should be for SICONOFLOOR Fut of the substrate should	e area. Fragments of und mechanically, e.g. by applied. Before the materion +5~30°C (optimum +10 PU- SB UV to cure. The document of the 5% maximum. The results of the 5% maximum.	derstrength substrate, cement milk and fragments shot blasting or milling. The substrate must have all is applied, the substrate must be dusted and -29°C). Note that the lower the temperature, the ambient temperature should be +5~30°C. The relative humidity of the air should be a maximum of							
substrate  Application	rough, strong an N/mm². If in do contaminated be open pores be vacuumed.  The substrate is longer it takes moisture conter 80%. The temp	ubt, apply in a reference yoils must be remove fore the material is appeared as a second of the substrate should be the substrate should erature of the substrate should be substrated to the substrate should be substrated to the substrate should be substrated to the substrat	e area. Fragments of und mechanically, e.g. by applied. Before the material +5~30°C (optimum +10 PU- SB UV to cure. The document be and the uncured flooring the statement of th	derstrength substrate, cement milk and fragments shot blasting or milling. The substrate must have all is applied, the substrate must be dusted and -29°C). Note that the lower the temperature, the elambient temperature should be +5~30°C. The relative humidity of the air should be a maximum of ag must always be 3°C higher than the dew point							
substrate  Application	rough, strong at N/mm². If in do contaminated be open pores be vacuumed.  The substrate is longer it takes moisture conter 80%. The temp temperature. Ne	ubt, apply in a reference yoils must be remove fore the material is appeared as a second of the substrate should be returned of the substrate should erature of the substrate should evely laid SICONOFLOOF	e area. Fragments of und mechanically, e.g. by applied. Before the materia +5~30°C (optimum +10 PU- SB UV to cure. The document be 5% maximum. The read the uncured flooring PU-SB UV must be proper to the proper section.	derstrength substrate, cement milk and fragments shot blasting or milling. The substrate must have all is applied, the substrate must be dusted and -29°C). Note that the lower the temperature, the ambient temperature should be +5~30°C. The relative humidity of the air should be a maximum of							
substrate  Application	rough, strong at N/mm². If in do contaminated be open pores be vacuumed.  The substrate longer it takes moisture conter 80%. The temperature. Ne at least 24 hou fuel heaters she	ubt, apply in a reference yoils must be remove fore the material is apprenently supported by the substrate should be for SICONOFLOOR to the substrate should erature of the substrate swyl laid SICONOFLOOR after the application build not be used. During	e area. Fragments of und mechanically, e.g. by splied. Before the materi +5~30°C (optimum +10 PU-SB UV to cure. The dobe 5% maximum. The reand the uncured flooring PU-SB UV must be prohas finished. If artificial hig operation of such equip	derstrength substrate, cement milk and fragments shot blasting or milling. The substrate must have all is applied, the substrate must be dusted and -29°C). Note that the lower the temperature, the elambient temperature should be +5~30°C. The relative humidity of the air should be a maximum of any must always be 3°C higher than the dew point of the point							
substrate  Application	rough, strong at N/mm². If in do contaminated be open pores be vacuumed.  The substrate longer it takes moisture conter 80%. The temperature. Ne at least 24 hou fuel heaters she are released as	ubt, apply in a reference yoils must be remove fore the material is apprenently supported by the substrate should be for SICONOFLOOR to the substrate should erature of the substrate swyl laid SICONOFLOOR after the application build not be used. During	e area. Fragments of und mechanically, e.g. by splied. Before the materi +5~30°C (optimum +10 PU-SB UV to cure. The dobe 5% maximum. The reand the uncured flooring PU-SB UV must be prohas finished. If artificial hig operation of such equip	derstrength substrate, cement milk and fragments shot blasting or milling. The substrate must have all is applied, the substrate must be dusted and -29°C). Note that the lower the temperature, the eambient temperature should be +5~30°C. The relative humidity of the air should be a maximum of an unit must always be 3°C higher than the dew point objected from moisture and direct action of water for reating is required, gas, oil, paraffin or other fossil							
Application conditions	rough, strong at N/mm². If in do contaminated be open pores be vacuumed.  The substrate longer it takes moisture conter 80%. The temp temperature. Note at least 24 hours fuel heaters she are released as for heating.	ubt, apply in a reference yoils must be remove fore the material is apprent of the substrate should be reature of the substrate should evaluate of the substrate should not be used. During steam, which significant	e area. Fragments of und mechanically, e.g. by splied. Before the materi +5~30°C (optimum +10 PU-SB UV to cure. The doe 5% maximum. The reand the uncured flooring Pu-SB UV must be prohas finished. If artificial hig operation of such equipattly interfere with the cur	derstrength substrate, cement milk and fragments shot blasting or milling. The substrate must have all is applied, the substrate must be dusted and 1-29°C). Note that the lower the temperature, the elambient temperature should be +5~30°C. The relative humidity of the air should be a maximum of ag must allways be 3°C higher than the dew point objected from moisture and direct action of water for leating is required, gas, oil, paraffin or other fossil oment, large amounts of water and carbon dioxide ing process of the resin. Only use electric heaters							
substrate  Application	rough, strong at N/mm². If in do contaminated be open pores be vacuumed.  The substrate longer it takes moisture conter 80%. The temperature. Note at least 24 hour fuel heaters she are released as for heating.  Mix componen	ubt, apply in a reference yoils must be remove fore the material is apprent of the substrate should be reature of the substrate should erature of the substrate should aid SICONOFLOCE after the application build not be used. During steam, which significant A initially, then add	e area. Fragments of und mechanically, e.g. by splied. Before the materi +5~30°C (optimum +10 PU-SB UV to cure. The doe 5% maximum. The reand the uncured flooring Pu-SB UV must be prohas finished. If artificial hig operation of such equipantly interfere with the cur component B (mixture)	derstrength substrate, cement milk and fragments shot blasting or milling. The substrate must have all is applied, the substrate must be dusted and -29°C). Note that the lower the temperature, the elambient temperature should be +5~30°C. The elative humidity of the air should be a maximum of ag must always be 3°C higher than the dew point objected from moisture and direct action of water for leating is required, gas, oil, paraffin or other fossil coment, large amounts of water and carbon dioxide ing process of the resin. Only use electric heaters aratio 100A:34B), mix the ingredients until a							
Application conditions	rough, strong at N/mm². If in do contaminated be open pores be vacuumed.  The substrate longer it takes moisture conter 80%. The temp temperature. Note at least 24 hou fuel heaters she are released as for heating.  Mix componen homogeneous of	ubt, apply in a reference of yoils must be remove fore the material is apply the substrate should be for SICONOFLOOR For the substrate should erature of the substrate should refer the application build not be used. During steam, which significant A initially, then add consistency is achieved	e area. Fragments of und mechanically, e.g. by splied. Before the materion of the materion of the second of the materion of the second of the	derstrength substrate, cement milk and fragments shot blasting or milling. The substrate must have all is applied, the substrate must be dusted and -29°C). Note that the lower the temperature, the elambient temperature should be +5~30°C. The relative humidity of the air should be a maximum of any must always be 3°C higher than the dew point betected from moisture and direct action of water for leating is required, gas, oil, paraffin or other fossil forment, large amounts of water and carbon dioxide ing process of the resin. Only use electric heaters are ratio 100A:34B), mix the ingredients until a lates. After initial mixing, transfer the material into a							
Application conditions	rough, strong at N/mm². If in do contaminated be open pores be vacuumed.  The substrate longer it takes moisture conter 80%. The temp temperature. Note at least 24 hou fuel heaters she are released as for heating.  Mix componen homogeneous of separate contail.	ubt, apply in a reference yoils must be remove fore the material is apprehensive the material is apprehensive to six of the substrate should erature of the substrate swyl laid SICONOFLOOR build not be used. During steam, which significant A initially, then add consistency is achieved the application of the substrate of the substrate with a substrate and continue mixing the significant of the substrate of the su	e area. Fragments of und mechanically, e.g. by splied. Before the materion of the materion of the second of the se	derstrength substrate, cement milk and fragments shot blasting or milling. The substrate must have all is applied, the substrate must be dusted and 1-29°C). Note that the lower the temperature, the exambient temperature should be +5~30°C. The relative humidity of the air should be a maximum of any must always be 3°C higher than the dew point objected from moisture and direct action of water for reating is required, gas, oil, paraffin or other fossil ownent, large amounts of water and carbon dioxide ing process of the resin. Only use electric heaters are ratio 100A:34B), mix the ingredients until a lates. After initial mixing, transfer the material into a mponent A and component B are indicated on the							
Application conditions	rough, strong at N/mm². If in do contaminated be open pores be vacuumed.  The substrate is longer it takes moisture conter 80%. The temp temperature. Note at least 24 hour fuel heaters she are released as for heating.  Mix componen homogeneous of separate contain packaging and	ubt, apply in a reference yoils must be remove fore the material is apprent of the substrate should be returned in the substrate should erature of the substrate should and substrate should not be used. During steam, which significant is a consistency is achieved the rand continue mixing must not be changed. A	e area. Fragments of und mechanically, e.g. by splied. Before the materion of	derstrength substrate, cement milk and fragments shot blasting or milling. The substrate must have all is applied, the substrate must be dusted and -29°C). Note that the lower the temperature, the elambient temperature should be +5~30°C. The relative humidity of the air should be a maximum of any must always be 3°C higher than the dew point betected from moisture and direct action of water for leating is required, gas, oil, paraffin or other fossil coment, large amounts of water and carbon dioxide ing process of the resin. Only use electric heaters are ratio 100A:34B), mix the ingredients until a lates. After initial mixing, transfer the material into a							
Application conditions	rough, strong at N/mm². If in do contaminated be open pores be vacuumed.  The substrate is longer it takes moisture conter 80%. The temp temperature. Note at least 24 hour fuel heaters she are released as for heating.  Mix componen homogeneous of separate contain packaging and from those deciavoided. Use a	ubt, apply in a reference yoils must be remove fore the material is application of the substrate should be for SICONOFLOOR For the substrate should erature of the substrate should erature of the substrate should a significant of the substrate of the substrate should not be used. During steam, which significant to A initially, then add consistency is achieved the and continue mixing must not be changed. A pared by the Producer. I low speed electric mixe	re area. Fragments of und mechanically, e.g. by a plied. Before the materi +5~30°C (optimum +10 PU-SB UV to cure. The dots the uncured flooring PU-SB UV must be proposed in the proposed flooring proposed floori	derstrength substrate, cement milk and fragments shot blasting or milling. The substrate must have all is applied, the substrate must be dusted and -29°C). Note that the lower the temperature, the eambient temperature should be +5~30°C. The relative humidity of the air should be a maximum of an anishing must always be 3°C higher than the dew point objected from moisture and direct action of water for reating is required, gas, oil, paraffin or other fossil oment, large amounts of water and carbon dioxide ing process of the resin. Only use electric heaters are ratio 100A:34B), mix the ingredients until a attes. After initial mixing, transfer the material into a mponent A and component B are indicated on the esult in the product having characteristics different ause aeration of the resin and should therefore be per minute) or other suitable equipment to mix the							
Application conditions  Application methods	rough, strong at N/mm². If in do contaminated be open pores be vacuumed.  The substrate is longer it takes moisture conter 80%. The temp temperature. Neat least 24 hour fuel heaters sheare released as for heating.  Mix componen homogeneous of separate contain packaging and from those deciavoided. Use a resin. No foreignees be open and the second seco	ubt, apply in a reference yoils must be remove fore the material is application. SICONOFLOOR For the substrate should be effect of the substrate should erature of the substrate swyl laid SICONOFLOOR is after the application outlined to be used. During steam, which significant is A initially, then add consistency is achieved oner and continue mixing must not be changed. A ared by the Producer. Illow speed electric mixed is substances such as set one the mixed of the mix	re area. Fragments of und mechanically, e.g. by a plied. Before the materi +5~30°C (optimum +10 PU-SB UV to cure. The dots of the uncured flooring PU-SB UV must be proposed to the uncured flooring PU-SB UV must be proposed to the uncured flooring proposed to the proposed flooring proposed floo	derstrength substrate, cement milk and fragments shot blasting or milling. The substrate must have all is applied, the substrate must be dusted and -29°C). Note that the lower the temperature, the eambient temperature should be +5~30°C. The relative humidity of the air should be a maximum of any must always be 3°C higher than the dew point objected from moisture and direct action of water for reating is required, gas, oil, paraffin or other fossil oment, large amounts of water and carbon dioxide ing process of the resin. Only use electric heaters are ratio 100A:34B), mix the ingredients until a lates. After initial mixing, transfer the material into a mponent A and component B are indicated on the esult in the product having characteristics different hause aeration of the resin and should therefore be per minute) or other suitable equipment to mix the to the resin.							
Application conditions	rough, strong at N/mm². If in do contaminated be open pores be vacuumed.  The substrate longer it takes moisture conter 80%. The temp temperature. Note at least 24 hour fuel heaters she are released as for heating.  Mix componen homogeneous of separate contain packaging and from those deciavoided. Use a resin. No foreign.	ubt, apply in a reference yoils must be remove fore the material is apprehensive the material is apprehensive. The substrate should be substrate should erature of the substrate should not be used. During steam, which significant to a initially, then add consistency is achieved oner and continue mixing must not be changed. A ared by the Producer. How speed electric mixes a substances such as seand primed substrate (\$\frac{1}{2}\$)	re area. Fragments of und mechanically, e.g. by a plied. Before the materi +5~30°C (optimum +10 PU-SB UV to cure. The dots of the uncured flooring PU-SB UV must be proposed in the uncured flooring PU-SB UV must be proposed in the uncured flooring proposed in the uncured flooring proposed in the proposed in the cure component B (mixture, but not less than 3 minutes). The mixing ratios of continuous component in the ratio will recomposed in the rati	derstrength substrate, cement milk and fragments shot blasting or milling. The substrate must have all is applied, the substrate must be dusted and -29°C). Note that the lower the temperature, the eambient temperature should be +5~30°C. The relative humidity of the air should be a maximum of an amount always be 3°C higher than the dew point objected from moisture and direct action of water for reating is required, gas, oil, paraffin or other fossil oment, large amounts of water and carbon dioxide ing process of the resin. Only use electric heaters are ratio 100A:34B), mix the ingredients until a attes. After initial mixing, transfer the material into a mponent A and component B are indicated on the esult in the product having characteristics different ause aeration of the resin and should therefore be per minute) or other suitable equipment to mix the							

Sicon Spółka z ograniczoną odpowiedzialnością Sp. k. 0000633637

TAX NUMBER: 517 027 17 17 REGON: 1180372420 KRS:



## SOLID AND DURABLE INDUSTRIAL FLOOR

## SICONOFLOOR PU-SB UV

	·
	tools should be cleaned with acetone or xylene immediately after use. Hardened or bound material can only be removed mechanically.
Sprinkled system	Apply a properly mixed resin, e.g. Siconofloor PU SB, on a hardened, primed and sprinkled substrate with a metal trowel until the resin is evenly distributed on the desired surface. The material distributed in this way should be sprinkled with aggregate of the desired fraction until the resin is fully covered. After at least 24 hours, SICONOFLOOR PU-SB UV can be applied as a varnish on the sprinkled system. The excess aggregate that has not bound with resin should be thoroughly swept away so that no loose aggregate grains are left on the floor. After thorough mixing of the components, the material should be applied with a metal trowel or a suitable chemical resistant rubber trowel, depending on the desired degree of roughness. The material should be applied until the floor is completely covered with a uniform layer of resin. The surface prepared in this way should be left until it is fully hardened. Light loads are possible 24 hours after the application of the final layer is complete. Remember that it is necessary to apply varnish to the entire system.
Storage conditions	Store in a dry place at +5~30°C. Components A and B in the liquid state are water-polluting agents and should not
for kit components	enter sewage systems, soil or water courses. The resin in the hardened state is neutral to the environment. It is not
	permitted to store components in open buckets.
Health and safety	Comments and recommendations  Personal protective equipment must be used when working with resins. These measures are precisely listed in the
conditions	Material Safety Data Sheets of SICONOFLOOR PU-SB UV material components, available on customer's request. 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 PU-SB UV. 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 oxidisers, 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. It is not allowed to leave buckets of resin in open containers.
Final remarks	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 producer indicates that the colour of the finished floor may vary. This phenomenon does not indicate a defect in the floor or reduced technical specifications. 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 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: 07/ 2019  All previously issued sheets of the Siconofloor PU-SB UV system shall expire on the date of issue of this sheet.

Sicon Spółka z ograniczoną odpowiedzialnością Sp. k. 0000633637

TAX NUMBER: 517 027 17 17 REGON: 1180372420 KRS: