

SOLID AND DURABLE INDUSTRIAL FLOOR

Technical data sheet

Product description	type systems a	as structural and sealing	coating.	ne low viscosity resin. Ideal for "Stone Carpet"	
	Impregnation and reinforcement of all types of mineral substrates,				
		y of filling the material, as a high build, transparent resin screed without fillers,			
	Material to be used as structural and sealing coating.				
Properties	Very high intercoat adhesion,				
	 Good chemical resistance, 				
	 High resistance to UV radiation, 				
	Good resistance to abrasion, Good mechanical parameters (hardness, tangile strength, handing strength)				
	Good mechanical parameters (hardness, tensile strength, bending strength),				
	Ensures hydrophobic properties,				
	Low viscosity,				
	Easy application,				
 Frost resistance, Floor made in sealed version is easier to keep clean 					
	 Application 	n versatility.			
			s of Siconofloor CS-PU		
Form		Component A light yellow liquid, modified polyurethane resin			
		Component B transparent liquid, curing agent			
Suitability for use/Process	ing time	15 minutes at temperature of 20°C			
Hygiene tests		Meets the requiremer	nts;		
			5 h at temperature of 20°C, light load after 24 h at 20°C:		
Curing time			load	7 days	
Practical use of the blend		It strongly depends on the use, aggregate fractions, application technique, application conditions, roughness degree: see the system data sheet.			
	·	conditions, roughness	s degree: see the system	data sheet.	
Viscosity (Brookfield DV-II		Component A		3510-3530 mPa*s	
conducted at 20°C using 04 spindle and		Comp			
rotational speed.		Comr	onent B	760-780 mPa*s	
20 RPM.					
Dust dawase		Mechanical properties of Siconfloor CS-PU			
Dust dryness ShD hardness		5 hours at temperature of 20°C			
		69,0.° Application			
Out starts and sentities	The such structure			OF N(2) The conference the flat alighthe	
Substrate preparation				um 25 N/mm ²). The surface must be flat, slightly	
		rough, dark and dry, cleaned of all contaminants. "Pull off" test should not give a result below 1.5 N/mm ² . If in			
		doubt, make a reference area. Parts of the substrate with insufficient strength, cement slurry and fragments			
	contaminated with oils must be removed mechanically, e.g., by means of grinding or milling. Before the material				
	application, the substrate must have open pores. Immediately before the material application, the substrate must be dusted and vacuumed.				
Application conditions	Substrate temperature should be 5~40°C. Please note, that the lower the temperature, the longer the process of SICONOFLOOR CS-PU curing. Ambient temperature should be 5~40°C. Substrate moisture content should be a				
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	SICONOFLOOR maximum of 5%	R CS-PU curing. Ambier	nt temperature should be the air should be a maxi	5~40°C. Substrate moisture content should be a mum of 80%. Temperature of the substrate and	
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