

Technical Data Sheet

TekFloor Seal

Clear sealer for concrete and screed floors on a 2-component basis for production and storage halls, garages, etc. low-emission / solvent-free

Areas of Application	
<p>TekFloor Seal is a sealer for concrete and cement floors indoors. When applied correctly, it increases the chemical and mechanical resistances. The mechanical resistance is mainly determined by the strength of the subsurface.</p>	
Properties	
<ul style="list-style-type: none"> ▪ low emission, solvent free, low odor, water dilutable ▪ environmental friendly ▪ very good adhesion ▪ very good surface quality ▪ abrasion resistant, e.g. can be driven over with forklifts ▪ chemical resistant ▪ easy to apply 	
Material Description	
Ingredients	Epoxy resin
Density	around 1,10 g/cm ³
Characteristics	<ul style="list-style-type: none"> ▪ clear ▪ fulfills DIN EN 1504-2 ▪ gloss: semi-gloss ▪ mixture 4:1 ▪ 12 month storage stable in closed original container ▪ store frost free
Material Properties	
Fire behavior	non flammable
Packaging	12kg+ 3kg
Processing	
Dilution	with water if necessary
Compatibility	only mix with similar materials
Application	TekFloor Seal can be applied by brushing, rolling and draining
Consumption	<p>around 100g/m² per layer</p> <p>Exact quantities should be determined by trials on substrate.</p>
Processing Temperature	Not below +5°C

Tool Cleaning	After use with water immediately
Drying (+20 °C, 65 % r. humidity.)	
Surface dry and recoatable after approx. 4–6 hours. Consider longer drying times at lower temperatures and / or higher humidity	
Storage	
Cool and frost-free. Close opened containers tightly	
Declaration	
Indications	Contains preservatives
Water Hazard Class	WGK 1, following VwVwS
Product-Code	TFS100 Es gelten die Angaben im aktuellen Sicherheitsdatenblatt
Surface Pretreatment	
The substrate must be firm, dry, clean, load-bearing and free from efflorescence, sintered layers, separating agents or other interlayers that interfere with the bond. Check existing coatings for suitability, load-bearing capacity and adhesion. Repair any existing cracks and holes with epoxy resin mortar. Level out unwanted unevenness and slopes with leveling compound. Allow new concrete surfaces to dry out for at least 4-6 weeks before application. Substrate moisture: 4 CM% measured with the CM method.	
Processing Instructions	
Material Preparation	Both components of the 2K TekFloor Seal are mixed homogeneously in the specified mixing ratio. When mixing, make sure that the edge zones of the containers are also included in the mixing process. Mixing is best done with low-speed mixers (around 200 rpm). The reaction begins right after mixing, i.e. the user only has a limited time to apply ("pot life"). The pot life for the mixed material is approx. 1hour. Do not mix freshly mixed material with remaining material
Processing	Always work fresh on fresh for an even look. TekFloor Primer is applied by rolling or brushing. Diluted with water, the material can also be poured. Attention: drying time can change. During application and curing, the substrate temperature must be at least + 3 ° C above the dew point temperature. Protect against condensation Substrate temperature: 10°C 20°C 30°C Pot life: 60min 40min 20min reworkable after min. 3 hours
Paint Build up	Primer: TekFloor Primer 1x Coating: Tekfloor Top 1-2x possibly sealing: TekFloor Seal 1x (at high loads)

Drying Times	<u>Drying</u>			
	Substrate temperature: 10°C	20°C	30°C	
	min.	30h	24h	16h
	max.	3days	2days	1day
	<u>Waiting time until use</u>			
	Substrate temperature: 10°C	20°C	30°C	
	Walkable	36h	24h	12h
light loadable	6days	4days	2days	
full resilient	9days	6days	4days	
More Informations	Observe the information in the technical data sheets for the products to be used			
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