

# Technical Data Sheet

## TekFloor Top

Colored coating 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 Top is a coating for concrete and cement floors indoors. When applied correctly, TekFloor Top is extremely abrasion-resistant, scratch-resistant and easy to clean. In addition, the garage floor / industrial floor is protected from various chemicals, oil, road salt and dirt. The mechanical resistance is mainly determined by the strength of the subsurface.</p>	
Properties	
<ul style="list-style-type: none"> <li>▪ low emission, solvent free, low odor, water dilutable</li> <li>▪ environmental friendly</li> <li>▪ very good adhesion</li> <li>▪ very good surface quality</li> <li>▪ abrasion resistant, e.g. can be driven over with forklifts</li> <li>▪ chemical resistant</li> <li>▪ easy to apply</li> </ul>	
Material Description	
Ingredients	Epoxy resin
Density	around 1,40 g/cm <sup>3</sup>
Characteristics	<ul style="list-style-type: none"> <li>▪ color depending mixture</li> <li>▪ fulfills DIN EN 1504-2</li> <li>▪ gloss: semi-gloss</li> <li>▪ mixture 4:1</li> <li>▪ 12 month storage stable in closed original container</li> <li>▪ store frost free</li> </ul>
Material Properties	
Fire behavior	non flammable
Packaging	12kg + 3kg
Processing	
Dilution	with water if necessary
Compatibility	only mix with similar materials
Application	TekFloor Top can be applied by brushing, rolling and draining
Consumption	around 200g/m <sup>2</sup> per layer Exact quantities should be determined by trials on substrate.
Processing Temperature	Not below +5°C

Tool Cleaning	After use with water immediately
<b>Drying (+20 °C, 65 % r. humidity.)</b>	
Surface dry and recoatable after approx. 4–6 hours. Consider longer drying times at lower temperatures and / or higher humidity	
<b>Storage</b>	
Cool and frost-free. Close opened containers tightly	
<b>Declaration</b>	
Indications	Contains preservatives
Water Hazard Class	WGK 1, following VwVwS
Product-Code	BSW20 Advise data in product safety data sheet.
<b>Surface Pretreatment</b>	
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. Uncoated substrates should have been treated with TekFloor Primer beforehand	
<b>Processing Instructions</b>	
Material Preparation	Both components of the 2K TekFloor Top 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 Top 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.	3Tage	2Tage	1Tag
	<u>Waiting time until use</u>			
	Substrate temperature: 10°C	20°C	30°C	
	Walkable	36h	24h	12h
Drying Times	light loadable	6Tage	4Tage	2Tag
	full resilient	9Tage	6Tage	4Tage
More Information	Observe the information in the technical data sheets for the products to be used			
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<b>Comment</b>				
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