

920 EPOXY COAT

Description	Two-component, epoxy coating for the coating of interior concrete floors. It is characterized by good mechanical and chemical resistance and elasticity. Ideal for the coating of concrete floors of light duty like storage places, garages, workshops, etc.	
Technical Information	Shade	Any RAL shade – after request
	Gloss	Satin
	Theoretical coverage	3,75 m ² /kg/100μm (A+B)
	Mixing ratio	A:B-5:1 by weight
	Specific Weight	A component 1,35 -1,45 kg/lit (depending on the base) B component 0,90 kg/lit A+B 1,35 ±0,05 kg/lit (EN ISO 2811)
	Solids	50±2% by volume, 66±3% by weight
	Pot Life	12-16 hrs (25°C, no change in viscosity)
	VOC*	Ready for use maximum (+5% thinning): 495 g/lit EU LIMITS (2010): 500g/lit SUBCATEGORY: j – two-pack performance coatings, floorcoatings for cement floors, Type S
Drying Time (25 °C, 50μm)	Touch dry	2-3 hrs
	Drying	7 hrs
	Walkability	24 hrs
	Full Drying	72-96 hrs
	<i>(The above times are indicative and depend on the thinning percentage, relative humidity and temperature)</i>	
Surface preparation	The surface where the product will be applied on must be clean and dry, clean from dust, detached pieces and other materials like oil, grease that can cause bad adhesion, must be protected from underneath moisture. The surface must be first treated with 850 epoxy primer as a substrate or with 860 solvent free epoxy primer. The substrate is applied with a brush or a roller without thinning. The coated surface is ready to be recoated minimum after 12 hr-maximum after 36 hr. In case that longer time than predicted interferes between the applications of layers, the surfaces must be prepared properly before the new layer with sandpaper or other mechanical means.	
Application	Mix A:B-5:1 by weight and if necessary thin 0-5%. with thinner 1120-1131. It is applied with a brush or a roller in one or two layers. Application 20min after mixing (induction period) . If the induction period is not applied, it may affect the drying procedure and the properties of the final coating (sticky surface, lower chemical and mechanical strength, adhesion loss etc.)	
	Suggested layer thickness	100-200 μm
	Application temperature	10-30 °C
	Application humidity	<60% relative humidity
	Suggested thinners	1120-1131 The choice of suitable thinner depends on the application method, the temperature and the humidity conditions. For the suitable choice, please contact with the technical department of our company.
	Epoxy layers should be protected from moisture for 6-8 hours after application. Moisture may whiten the surface and/or make it sticky and may affect hardening times. Clean the tools right after their use with the suggested thinners.	

Storage

Up to 12 months in a dry and cool place (5-30°C)

Safety

Please consult the Material Safety Data Sheet. Available upon request.

For the selection and application of industrial floor systems, our company cooperates with authorized- licensed technical applicators. For more information please, contact us. In the event that material selection and application are not made by these technical applicators, the company assumes no guarantee and responsibility for the final result.

This Technical Data Sheet replaces and cancels every previously issued. The information, instructions, recommendations and specifications mentioned in this data sheet, represent the results and experience obtained from testing under controlled or specially adapted conditions. The accuracy and relevance of these results to the actual conditions, in which you apply the product, must be determined and depend only on the purchaser and/or applicator