

850 EPOXY PRIMER

Description	Two component, EPOXY primer, for the preparation of industrial cement floors, industrial concrete constructions, pools, etc. It presents very good adhesion and high penetration. Penetrates into the cement, filling its pores, resulting into a long term protection from water, acid and alkaline solutions and promotes its mechanical properties. Doesn't create film.					
Technical Information	Shade	Transparent				
	Mixing ratio	A:B-2:1 by volume				
	Specific Weight	0,99 kg/lit (EN ISO 2811)				
	Solids	(A+B) 58% by weight (EN ISO 3251, non-volatile) (A+B) 57% per volume				
	Bond strength	4,1 N/mm ² (EN 13892-8)				
	Theoretical consumption	5-10 m ² /lit (A+B) For non-absorbent floors 0,100-0,125 lt/m ² or 8-10 m ² /lt For cement impregnation 0,200-0,300 lt/m ² or 3,3-5 m ² /lt				
	VOC*	Ready for use maximum: 490 g/lit EU LIMITS (2010): 750 g/lit Subcategory: h –binding primers, Type S				
Drying Time 60%RH		Pot life	Dry	Dry to recoat (Min)	Dry to recoat (Max)	Full dry
(10°C)		28 hrs	48 hrs	30 hrs	62 hrs	11 days
(15°C)		24 hrs	38 hrs	24hrs	56 hrs	9 days
(20°C)		20 hrs	30 hrs	18 hrs	48 hrs	7 days
(25°C)		16 hrs	24 hrs	14 hrs	42 hrs	6 days
(30°C)		12 hrs	18 hrs	12 hrs	36 hrs	5 days
	<i>(The above times are indicative and depend on the thinning percentage, substrate conditions, film thickness, weather conditions (relative humidity, wind, sunshine))</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. In case of a new cement surface, it is important to wait a month after the ending of the construction.					
Application	<p>Mix A:B-2:1 (by volume) with very good stirring. It is applied in one layer with brush or roller without thinning, so that the substrate is well immersed while at the same time avoiding the creation of "ponds". The surface must look like wet cement, without any gloss film. Consumption of 850 EPOXY PRIMER (A+B):100-200 g/m²/layer. In case that longer time than predicted interferes between the application of layers, the surfaces must be prepared properly before the new layer with sandpaper or other mechanical means.</p> <p>After priming, any existing imperfections (cracks, holes) should be filled with:</p> <p>A. epoxy putty 800 (A+B)</p> <p>B. STANCOFLOOR 950, mixed with quartz sand with particle size 0,1-0,4mm and mixing ratio 1:4 (per weight).</p> <p>C. 860 EPOXY PRIMER, mixed with quartz sand with particle size 0,1-0,4mm and mixing ratio from 1:3 to 1:10 (per weight).</p> <p>The primed surface is ready to be recoated min. after 12 h – max. after 36 h (hardening 24 h).</p>					
	Application temperature	10°C-30°C				
	Substrate temperature	10°C-30°C				
	Dew point	The substrate temperature shall always be at least 3°C higher than the calculated dew point.				
	Relative humidity	<70%				

	Substrate moisture	<4%
	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. Clean the tools right after its use with the suggested thinners
		The above conditions must be followed both during the application process and throughout the drying.. It should not be applied when rain is expected (at least 24h.) It is necessary to protect the primer from the moisture for about 24 hours after the application. Moisture may create whitening and / or sticky surface that may negative affect the adhesion of the topcoat, and the drying times. The surface where the product will be applied on must be clean and dry. If you exceed the maximum over coating time, the surface should be lightly sanded with suitable mechanical means in order to ensure better adhesion.
Storage		For 12 months in a dry and cool place (5-35°C), protected from direct solar radiation and adverse weather conditions, stored in the original unopened containers.
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.