



HydroBloc®EP Curing 904

Evaporation protection for concrete and screed (after-treatment)

HydroBloc®EP Curing 904 is a diluted 2-C epoxy resin emulsion. The product avoids too fast draining of fresh cementous bound areas as well as damages related to de watering. Applied on concrete within 24 hours after assembly of screed, directly after mechanical smoothing of floorspace or roadway surface or stripping, the curing seals the surface and avoids water loss by evaporation.

Sanded surfaces, adhesion failure with subsequent coatings, dusty screeds /concrete floors, cracks in surface because of differential hydration are typical damages. This can be avoided by after treatment with HydroBloc®EP Curing 904.

The product accomplishes all standards of DIN 18 353 and AGI 10/I. It is easy in application and cost-effective. The product is reologically adjusted. It can be used on vertical areas without any problem. The impregnation is an excellent bonding course for epoxy - or paint coatings. An additional surface finish by impregnation with EP- resins is redundant.

Important: HydroBloc®EP Curing 904 contains no waxes, oils or other separating materials. Adhesion of paints, coatings or glued coatings will **not** negatively be influenced by after treatment.

Processing

HydroBloc®EP Curing 904 is a 2 component system. The mixing ratio is 2:1. Please mix it well before use. After mixing the components, the mixture can be thinned with fresh water 1 : 1. As a result of that, HydroBloc®EP Curing 904 is especially economic.

The easiest way to apply is spraying with an atomiser, also used for form work oil or gardening (low-pressure method). Colour spreaders (high-pressure method) are also able. Please pay attention to resulting aerosols (spray mist) , they could pollute adjoining parts.

The quality of these curings is that good, that pollutions can only hardly be removed. HydroBloc®EP Curing 904 can also be rolled up with paint rollers. Development of Griffith cracks can be avoided on mechanical smoothed industrial floors, by after-treatment immediately after finishing the surface. Directly after equalising of the surface and before trowelling. The power trowel works HydroBloc®EP Curing 904 into the surface.



HydroBloc®EP Curing 904 can be worked into concrete while smoothing, or after 24 hours the latest by rolling or spraying

As typical 2-C System, processing time of mixtures is restricted. Processing time is getting shortened by higher temperatures. Please pay special attention to the properties, that the end of the processing time is not identifiably with typically rising of viscosity, by using water emulsified epoxy systems. Mix only that many material you can use in any time soon. Avoid ponding of working while processing.

Consumption is depending on roughness depth and suction of concrete. On mechanical smoothed industrial floors, the consumption is between 100 - 150 gr/m².

HydroBloc®EPCuring 904 contains no volatile solvents or monomers. It is nonflammable. We have a safety data sheet for this product, depending on EU-directives. It contains all current information about safe handling, storage and disposal.

Product data

Composition	Polyamide emulsion with oxiran resin as Crosslinking agent
Characterstic	Liquid, milky-white/transparent
Odour	Very weak, like ammonia
Density	Approx. 1,05 g/ml
Solid content	41%
Solvent	Water
Durability	At least 12 month (frost protected)
Application-specific Data	
Consumption	Depending on object
Processing temperature	> 8° C
Processing time (Potlife)	120 Minutes at 20° C
Mixing time	2 Minutes, with mechanical mixing equipment

These technical information describe the present-day state of knowledge these product. They should only inform about the possibilities of application and could not release the applicator of his commitment to check the possibility to use the product for the required application. Information for processing can be found in processing instructions of our product. Information about safe handling can be found in our current safety data sheet.

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