

TECHNICAL DATA SHEET

EP-FLOORCOAT

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A two-component, solvent-free epoxy floorcoat with a very high abrasion resistance and resistant against various chemicals. Vibol EP-Floorcoat is resistant against vegetable oil, mineral oil and hydraulic oil.

Vibol EP-Floorcoat is used as a wear-resistant protective layer for concrete floors, helidecks, ships, warehouses, power plants, etc.

There, where extremely high demands are made regarding abrasion resistance and chemical resistance.

Floorcoat can also be mixed with dry quartz flour as self-leveling floor coverings to cover low thicknesses of 1-8mm.

Anti-slip can be made by spraying special minerals into the wet coating.

PRODUCT INFORMATION

Type of paint	Epoxy resin with amine curing agent.
Pigment	Rutile titanium oxide and lightfast pigments
Finish	Gloss
Color	Black, Chrome Green, Redbrown, light and dark grey, a few RAL-colors on demand
Density	1.55 kg/L
Solids content	98 vol%
Flashpoint	
Comp. A	>60°C
Comp. B	>100°C
Dry temperature resistance	120°C
VOC (Volatile Organic Compounds)	25 g/L
Theoretical spreading rate (At 200 µm DFT)	3à4 5m²/KG

DRYING TIMES

20°C and R/H of up to 65%

Dust dry	6 hours
Manageable	12 hours
Walkable	24 hours
Light traffic	48 hours
Heavy traffic	4 days

Pot-life: 45 min

APPLICATIONS-INSTRUCTIONS

Surface preparation :

The ideal temperature is between 15°C and 25°C. The minimum application temperature is 7°C.

The moisture content of the concrete floor may not exceed 3%. The temperature must be at least 3°C above the dew point. New concrete floors must at least be 28 days old and have a compressive strength of at least 25 N/mm².

The substrate must be free of cement skin, oil, grease, dust and loose particles. The following methods can be used to obtain a well-cleaned substrate :

Shine, milling, bouchard

For extremely porous or difficult surfaces the EP-FLOORSEALER must be applied after cleaning.

For repairs, anti-slip floors and self-leveling floors : consult our technical service

Tools : conventional or airless gun, roller or brush, spatula

Mixing : as packaging : 4 KG + 1 KG and 16 KG + 4 KG

Usage information	Conventional	Airless
Type of thinner	None	None
Recommended thinner	None	None
Nozzle orifice	1.1-2 mm	0.015-0.021 inch
Nozzle pressure	2-4 bar	100-120 bar
Film Thickness	120 µm	250 µm
Cleaning of tools	Cellulose thinner	Cellulose thinner

DURABILITY

At least 12 months, provided that it has been stored in closed original packing at a dry and cool spot.

PACKAGING

4 KG + 1 KG 20 KG + 5 KG

These data have been drawn up to the best of our knowledge and were correct at the date of issue. However we cannot accept full responsibility, because the choice of products and circumstances during elaboration of the systems fall outside our judgement. This documentation sheet will not automatically be replaced in case of modification.