

Hagmans - Golvfärg EP-V

Product Description Two-component waterborne epoxy paint.

Areas of use For painting new, old, or previously painted concrete surfaces. Recommended for painting floors that are exposed to moderate chemical and mechanical stress in industrial facilities, warehouses, workshops, etc. The product is also suitable for painting concrete walls.

Technical data:

Parameter	Value	Unit	Method
Binder	Epoxy		
Colour	Closest NCS: White - S0502-Y, Light Gray - S2500-N, Gray - S3500-N, Medium Gray - S4502-Y, Gray Blue - S3502-B, Black - S9000-N		
Density	Component A 1.05, Component B 1.29 Mixing ratio: Component A 3 parts by weight, Component B 7 parts by weight		
Flammability	Non-flammable		
Gloss	Approx. 80 blank		
Material consumption	Approx. 0.12 kg/coating. Average coverage: Primer: 1 kg is enough for 5-7 m². Topcoat: 1 kg is enough for 6-8 m². The actual coverage is affected by the porosity and smoothness of the substrate as well as the application method.		
Potlife	2 hours		
Shelf life	2 years. Store frost-free		
Vapor diffusion	Permeable to water in vapor form, ISO 7783		
Weight Solids	53%		
Dilution	Water (15%)		
Drying time	Allow about 10 hours of curing time before the next		

Parameter	Value	Unit	Method
	coat. However, do not wait longer than 24 hours.		
	The freshly painted floor can be walked on after about 24 hours.		
Application temperature	During application and drying, the temperature of both the substrate and the ambient air must be between +12 °C and +30 °C. At the time of application, the paint itself should be at a temperature between +15 °C and +25 °C. Ensure good ventilation so that the water can evaporate before the paint cures. If the relative humidity exceeds 85%, there is a risk that the surface will become matte and patchy.		
	Drying and recoating times can be affected by film thickness, temperature, relative humidity, and ventilation.		
Dust dry	At +23°C: about 6 hours		
Re-paintable	At +23°C: about 10 hours		
Completely dry	At +23°C: about 7 days		

Application Instructions

Pre-treatment

New concrete floors must have cured for at least 1 week, be dry, and free from dirt, oil, and the like. The cement skin must be removed by, for example, diamond grinding, blasting, or acid washing. When repainting existing paint, the surface must be lightly sanded, and all loose paint must be removed. After mechanical preparation, loose material and dust must be carefully removed with a vacuum cleaner. The substrate must have a tensile strength of at least 1.5 MPa. When applying to cement-based leveling compounds, their compatibility with thermosetting plastic must first be checked.

Application

With a brush or roller. Should be applied in two coats. Ensure good ventilation so that the water evaporates before the paint hardens. At humidity above 85%, a matt and streaky surface may occur. Small amounts, up to about 1 kg, can be mixed by hand with a rectangular stirring stick for at least 2 minutes. Larger amounts should be mixed for at least 4 minutes with an electric or pneumatic machine mixer, e.g., a low-speed drill with a suitable mixing blade. Splash protection is recommended.

Instructions

Thinning: Approximately 10-20% water when priming on absorbent surfaces. First stir the base and hardener separately. Mix the correct proportions of the components for at least 4 minutes to obtain a homogeneous mixture. Insufficient

mixing or incorrect mixing ratio will result in uneven drying of the surface, weaken the coating's properties, or cause application failure. The total thickness of the paint film should be at least 100 µm, applied in 2 coats.

After Painting

Rubber compounds can cause plasticizer migration on water-based paint or varnish. On lighter colors, this can be perceived as yellowish marks.

