

EPI Superbase Mineral

Design system example-No. 08-001

UV-resistant, sound-dampening, elastic polyurethane poured floor system with a matt surface.



Application:	Living spaces, showrooms, schools, museums, hospitals
Non-slip classification:	Indication R10 (FSC 2000 - Floor Slide Control)
Traffic loads:	Light to medium loads (e.g. pedestrians/walking traffic)
System layer thickness:	approx. 2 - 3 mm
Substrate:	Concrete > C25 resp. cement screed > Cw16, must always be provided with a vapor barrier. Measure residual moisture content and bond strength!

Always consult the most recent edition of the product information sheet before using the product in question.

System build-up	Product name / Product description	Consumption approx.
Surface preparation:	Pre-treat the surface using a mechanical method (e.g. shot blasting, diamond sanding). Observe the relevant guidelines. Minimum bond strength to the pre-treatment: 1.5 N/mm ² .	
Primer layer: Residual moisture content: ≤ 4CM%	EPI Primer Aquapox -N , milky white 2-component epoxy resin (unfilled), water-based, nonylphenol free <u>Optional:</u> Defined / evenly broadcast with fire-dried quartz sand Ø 0.1 - 0.5 mm (grain size) if overlaid after 24 hours	0.15 kg/m ² 0.5 kg/m ² quartz sand
Scratch coat:	EPI Primer 400 POX , sand-colored 2-component epoxy resin / binder (pre-filled), nonylphenol free	0.7 - 2.0 kg/m ²
Casting layer :	EPI Superbase Mineral , available in elegant EPI Solid and Blend colors 2-component, UV-resistant, elastic polyurethane cast floor based on biopolymers, up to 80% based on natural / renewable ingredients	2.8 - 3.0 kg/m ²
Topcoat / seal:	EPI Hardtop 200 T WA/PU , transparent - <u>matt</u> 2-component polyurethane seal, water-based, UV-resistant <u>Optional:</u> If necessary, an anti-slip ASX addition is possible	60 - 80 g/m ² per layer (apply 1 - 2 layers) 2 nd layer max. 60 g/m ²
Notes: Furniture or heavy objects must be fitted with suitable glides, preferably scratch-no-more. For office chairs with wheels or furniture/chairs with a small contact surface (high pressure point load), the use of a floor protection mat or underlay (e.g. polycarbonate protection mats) is required. So-called harmless substances or objects, such as tires, rubber mats, doormats, floor mats (contain plasticizers/anti-aging agents) and substances containing dyes, such as iodine, blood, rusty nails or birch leaves, can lead to discoloration of the surface (ask for advice!).		