EPI Comfort base

Design system example-No. 03-001



Comfortable, sound-dampening, elastic polyurethane poured floor system with a UV-resistant and 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: ≤ 4 CM%	**EPI Primer Aquapox -N** , milky white. 2-component epoxy resin (unfilled), water-based , nonylphenol free Optional: Defined / even broadcast with fire-dried quartz sand Ø 0.1 - 0.5 mm (grain size) if overcoating occurs 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 Flooring 300 SL/N** , available in RAL, other colors on request 2-component, elastic polyurethane cast floor (aromatic) based on biopolymers, up to 80% based on natural / renewable ingredients	2.8 - 3.0 kg/m^2
Topcoat / seal:	**EPI Hardtop EM-IC** , pigmented - matt 2-component polyurethane seal, water -based , UV-resistant	140 - 160 g/m^2 per coat (apply 1 – 2 coats)
Topcoat / seal:	**EPI Hardtop 200 T WA/PU** , transparent - matt 2-component polyurethane seal, water -based , UV-resistant Optional: If necessary, an anti-slip ASX addition is possible	60 - 80 g/m^2 per layer (apply 1 - 2 layers) 2nd 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. Supposedly 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!).		

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