EPI Comfort base AC++

Design system example-No. 03-002



Comfortable, noise-reducing, 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)
Impact sound reduction:	≤ 18 dB
Traffic loads:	Light to medium loads (e.g. pedestrians/walking traffic)
System layer thickness:	approx. 6mm
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/mm².	
Primer layer: Residual moisture content: ≤ 4CM%	**EPI Primer Aquapox-N** , milky white 2-component epoxy resin (unfilled), water-based, nonylphenol free Optional: Defined / evenly broadcast with fire-dried quartz sand Ø 0.1 - 0.5 mm (grain size) if overcoating after 24 hours	0.15 kg/m² 0.5 kg/m² quartz sand
Noise-reducing underlay:	**a.) EPI PU-Sport Glue 1500** , beige / gray 2-component polyurethane glue **b.) Acoustic mat 4 mm** prefabricated shock-absorbing mat > 80% recycled material **c.) EPI PU-Sport Sealer** , gray 2-component polyurethane pore filler	0.6 - 1.0 kg/m² 1 m²/m² 0.6 - 0.8 kg/m²
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/m²
Topcoat / seal:	**EPI Hardtop EM-IC** , pigmented - matt 2-component polyurethane seal, water-based, UV-resistant	140 - 160 g/m² per coat (apply 1 - 2 coats)
Option: 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/m² per layer (apply 1 - 2 layers) 2nd layer max. 60 g/m²
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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