

StoPox KU 614 thix

Electrically conductive textured floor coating

Floor coating



Electrically conductive floor coatings

StoPox KU 614 thix is an electrically conductive textured coating with integrated slip resistance. It has been proven as having excellent conductivity combined with very good mechanical resistance. The system requires no additional sealing coat, saving time and money.

ESD properties

- Volume-conductive – reliable dissipation of electrostatic charges
- System resistance “person-footwear-ground” $<10^9$ ohms in accordance with DIN EN IEC 61340-5-1/ANSI/ESD-S20.20
- Body voltage (Walking Test) <100 volt in accordance with DIN EN IEC 61340-5-1/ANSI/ESD-S20.20
- Protection of people in accordance with DIN VDE 0100-410 in combination with the conductive lacquer StoPox WL 118
- Suitable for EX protection areas – electrostatic leakage resistance $<10^8$ ohms in accordance with TRGS 727



The conductivity of the epoxy resin coating StoPox KU 614 thix is virtually independent of relative humidity. Even at a low humidity of 12%, the requirements of applicable ESD standards with regard to conductivity are met in full.

Furthermore, the material offers excellent flow properties and economical consumption. StoPox KU 614 thix is primarily used on mineral substrates in new construction and renovation projects. It is even suitable for existing epoxy coatings. The epoxy resin has been certified as compatible with lacquers for use in the automotive industry.



Component B is a pre-filled epoxy resin with which the surface structure is achieved.
 Photos left + title:
 Martin Baitinger

System

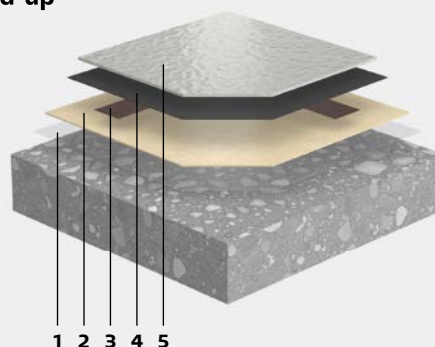
Properties

- Slip resistance R9
- High mechanical resistance
- Good chemical resistance
- Low-emission tested in accordance with German Committee for Health-related Evaluation of Building Products testing criteria
- Free of ingredients that interfere with lacquer wetting
- Limited tintability in accordance with RAL colour fan and StoColor System

Area of application

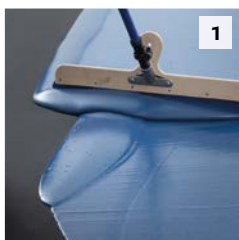
- Interior
- For industrial flooring areas
- For areas with increased requirements for electrostatic dissipating capability, e. g. semiconductor production, production areas with highly sensitive electronic equipment, or ESD-protected production lines in the automotive industry

System build-up



- 1 — Priming coat: StoPox GH 205 (consumption 0,2–0,5 kg/m²)
- 2 — Levelling coat: StoPox GH 205 + StoQuarz (consumption 0,4–0,5 kg/m² binding agent/mm layer thickness)
- 3 — Grounding: StoDivers LS or StoDivers LB 100
- 4 — Conductive layer: StoPox WL 110 or StoPox WL 118 (consumption 0,12–0,15 kg/m²)
- 5 — Coating: StoPox KU 614 thix (consumption ca. 0,7 kg/m²)

Application of StoPox KU 614 thix



1 Apply StoPox KU 614 thix.
 Tool: Sto-Upright Squeegee, notching S3



2 Roll StoPox KU 614 thix evenly in a criss-cross pattern. Tool: texturing roller medium-fine

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