

StoFloor ESD KU 614

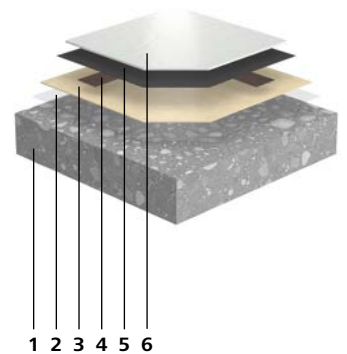
Conductive floor featuring the
very latest technology

Floor coating



Electrically conductive
coatings

Conductive floors protect electronic sensitive components against damage caused by electrostatic discharge. They are also able to prevent explosions in locations where combustible media are stored or dust-laden environments, for example. StoFloor ESD KU 614 is our new volume-conductive coating build-up. Featuring the very latest technology, it delivers reliable protection for ESD areas.



- 1 — Substrate
- 2 — Primer: StoPox GH 205
- 3 — Levelling coat: StoPox GH 205 + StoQuarz
- 4 — Conductive strip: StoDivers LB 100
- 5 — Conductive layer: StoPox WL 110 or StoPox WL 118
- 6 — Coating: StoPox KU 614



StoFloor ESD KU 614 meets all applicable ESD standards. Its ESD performance and mechanical resistance are outstanding. An additional sealing coat is not required, saving time during installation. The conductivity of the StoPox KU 614 epoxy resin coating is virtually independent of relative humidity. Even at low humidity of 12 %, the requirements of applicable ESD standards with regard to conductivity are met in full.

The epoxy resin, which is available in numerous colour shades, has more impressive strings to its bow in addition to its functional properties. Since there are no carbon fibres present, the floor coating has a very homogeneous appearance and can even be applied in light colour shades. Furthermore, the material has excellent flow properties. StoPox KU 614 is used primarily on mineral substrates in new buildings and refurbishment projects.



Assembly hall in the automotive industry

Photo: StoCretec GmbH

Title

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At a glance

Properties:

- Volume-conductive
- Complies with DIN EN 61340-5-1 and ANSI/ESD-S20.20-2014
- Complies with TRGS 727
- Complies with DIN VDE 0100-410 when used with StoPox WL 118
- Conductivity verified at 12 % relative humidity
- Salt-free, no ionic liquids
- Highly resistant to mechanical stress
- Good chemical resistance
- Verification of coating compatibility for use in the automotive industry obtained
- Limited tintability in accordance RAL colour chart and StoColor System
- Light colour shades possible

Areas of application:

- Interior
- As a tinted electrically conductive coating for industrial flooring with increased requirements for protection from electrostatic discharge
- On cementitious substrates in contact with the ground

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