



StoCretec

Building with conscience.

StoPox WL 113

The all-rounder for ESD floors

Floor coating



Outstanding electrical conductivity makes the StoPox WL 113 epoxy resin sealing coat the perfect all-rounder for ESD applications.

Whether you are working on a new building or a refurbishment project, StoPox WL 113 is the ideal product.



StoPox WL 113 water-based coating material for conductive floors

The gloss all-rounder for ESD floors

Now with a new formulation: the established, electrically conductive StoPox WL 113 epoxy resin sealing coat was completely overhauled. In addition to previous applications on the StoPox WB 110 coating and on mineral substrates, the range of applications has expanded considerably.

StoPox WL 113 can now be applied on old and new solvent-free, electrically conductive epoxy resin coatings. Be it in the electronics industry, semi-conductor manufacturing, or explosion-prone production halls – the new water-based coating material for sealing epoxy resin floors can be used everywhere where electrostatic discharge (ESD) is a threat.

With its excellent horizontal conductive properties, the StoPox WL 113 can now also be used for directly sealing mineral substrates such as concrete, cement and even magnesite screed without the need for an additional conductive layer.

It is also sufficient for insulating non-conductive substrates in order to convert a standard floor into an ESD floor. This makes StoPox WL 113 the ideal all-rounder for ESD applications - both in new buildings and for refurbishment projects.

Further, the technical properties that were valued previously, such as high gloss, outstanding cleanability as well as excellent wear resistance, have naturally been retained in the new formulation.

Comparison of ESD Sealers

StoPox WL 113 Gloss appearance	StoPur KV Silk gloss appearance	StoPur WV 210 Matt appearance
- On old and new (electrically conductive) epoxy resin coatings - On existing non-conductive epoxy coatings - On mineral substrates - Consumption depends on the area and type of application: approx. 150–300 g/m²	- On old and new (electrically conductive) epoxy and polyurethane coatings - Consumption depends on the area of application: approx. 100–200 g/m²	- Whenever a matt appearance is desired - On old and new (electrically conductive) epoxy and polyurethane coatings - Consumption depends on the area of application: approx. 100–200 g/m²



Large image on right:
Electronic Manufacturer in Thailand,

Small image on right:
**Bosch GmbH
EVI Audio,
94315 Straubing,
Germany**



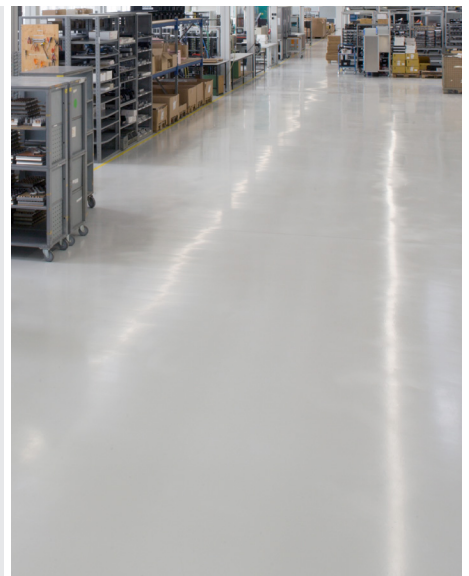
Properties

ESD properties:

- Meets the requirements for ESD protection in accordance with EN 61340-5-1 / ANSI S20.20 – system resistance measured in accordance with EN 61340-4-5 person/footwear/floor: <35 MΩ – body voltage (walking test): measured according to EN 61340-4-5 <100 V
- Meets the requirements for personal protection in accordance with DIN VDE 0100-410 (on insulating substrates and in combination with StoPox WL 118)
- Conductivity is only very slightly dependent on the relative humidity
- Can be used on mineral substrates without conductive lacquer

General properties

- Very low VOC emissions (test and approved by the Committee for Health-related Evaluation of Building Products)
- Good abrasion resistance
- Suitable for clean rooms
- Odourless during application
- Water vapour permeable
- Gloss surface
- Ease of cleaning
- Good resistance to chemicals
- Free of silicone
- Free of nonylphenol, benzyl alcohol
- Resistant to plasticiser migration
- Good hiding power
- For airless spray application
- Tools to be cleaned with water



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