

WERIPOX[®] 195 Conductive Layer

Water based and filled with special pigments 2K Epoxy conductive layer to be used in combination with WERIPOX[®] 196

Description

Used as a conductive layer under the conductive Coating WERIPOX[®]-196.

WERIPOX[®]-195 shows high electrostatic charge dissipation and very good bond between the coatings.

WERIPOX[®]-195 is only used in combination with Copper tape (supplier e.g. 3M) and the conductive coating WERIPOX[®]-196.

Product data

Ratio of mixture (A:B by weight):	1 : 5
Solids content:	40 %
Density at 23°C:	1,1 g/cm ³
Viscosity:	6500 mPas
Potlife (at 23°C):	40 min
Min. application temperature:	10°C
Light traffic use (at 23°C):	ca. 8-12 hours
Full traffic use (at 23°C):	after 7 days
Adhesional strength:	concrete burst
Electrostatic Conductivity:	R _E < 10 ⁴

Low temperatures extend the time of material treatment and hardening whereas higher temperatures shorten the process.

Substrates

The surfaces should have a minimum compression strength of 25 N/mm² and a minimum tearing strength of 1,5 N/mm². The humidity of the surface must not be above 4% . Paving tiles have to be appropriately protected against rising humidity. The subsoil's temperature has to be at least, 3°C above thaw point temperature.

The treated surfaces have to be clean, dry and absorbent. Cement silts, loose or short particles, rests of paint, seceding substances like oil, grease, etc., have to be removed by grinding; sand-, flame-, or steel ball jetting. Afterwards remove dust thoroughly; preferably with an industrial vacuum cleaner.

Working instructions

The components A (resin) and B (hardener) are delivered in a well-balanced ratio of mixture. The hardener component has to be completely inserted into the resin component.

WERIPOX[®]-195 is best applicated with a squeegee and then should be reworked with a roller for a even thickness. On field test have shown that best results had been made when fine sand (0,1-0,3 mm) had been poured on the fresh primer.

System suggestions:

Flat conductive coating ca. 2 mm

Priming WERIPOX[®]-101 ca. 250 g/m²

Copper tape: every 7 m

Conductive Layer: WERIPOX[®]-195 ca. 150 g/m²

Conductive Coating: WERIPOX[®]-196 ca. 2,5 kg/m²

**While working; protection gloves and hand cream should be used.
Take notice of the security advice on the label.**

Terms of delivery

Colour: black
Packing: 12 kg
Storage: dry and cool over 5°C

Notice: This information is based on our present knowledge about the product. With regards to the different conditions of employment, the given information can only be seen as recommendations without further engagement. It is incumbent upon the customer to check the suitability of the product. The publication of present data sheet makes precedent data sheets invalid. Only written information is binding.

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