# System 19

## Electrically Conductive Industrial Floor Coating

F.Willich
SINCE 1882

The industrial floor coating with electrostatically dissipative function is used for the protection of electronic components and as protective measure for explosions, water and personnel. The specially developed coating system prevents electrostatic charges, which can lead to sparking and thus to explosions. The system is used, for example, in assembly halls of the automotive industry, in test rooms of the electronics industry, in production facilities for electrical engineering as well as in laboratory areas, paper and textile factories. The fine dust produced in such areas can be easily removed from the floor.

## System features

- Uniformly conductive -
- Charge resistance
- Spark resistance
- Hard flexible and wear resistance
- Seamless
- Safe installment of sensitive electrical equipment

Coating — **2,0 kg /sqm**

**WILLPOX 3126** – 2-components

Copper conductive tape

Conductive lacquer — **0,2 - 0,3 mm**

**WILLTEC-D 2925** – 2-components

Primer — **0,5 kg/sqm**

**WILLPOX 1110** – 2-components

### Color options

Available in all RAL colors

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### Suitable for the following substrates:

| | | |
|---|---|---|
| ■ Concrete | ■ Screed | ■ Exposed aggregate concrete |
| ■ Asphalt | ■ Bitumen | ■ Laminate/PVC |
| ■ Tiles | ■ Wood | □ Glass |
| □ Ferrous metals | □ Other metals | □ Rigips |

| | |
|---|---|
| **Total coating thickness** | **2 - 3 mm** |
| **Accessibility** | **1 Day after last work cycle** |
| **Working time** | **10-15 hours (for 100sqm)** |
| **No. of applications** | **3** |
| **Shore Hardness** | **D 84** |
| | |
| **Solvent-free** | **yes** |
| **Permeable** | **no** |
| **Water-permeable** | **no** |
| **Emission-free** | **yes** |

### Tools


**Mixing bucket**


**Mixing tool**


**Sealing roller**


**Toothed spatula**

### Processing information

When processing reactive plastics, the temperature of the substrate as well as the ambient temperature are of particular importance. At low temperatures, chemical reactions are generally delayed, which leads to an extended processing, reworkability, walkability and hardening time. At the same time, the material consumption increases due to the higher viscosity. At high temperatures, the chemical reactions are accelerated, which means that the above mentioned times can be shorter. For a complete hardening of the reaction plastic, the average temperature of the substrate must be above the minimum temperature.
More detailed processing instructions can be found in the system data sheets and the technical data sheets of the individual components! These are delivered with your goods.