

System 10

Industrial Floor Coating For Heavy Mechanical Loads



This coating is quick to apply and can be loaded early. It is adapted to the demands of heavy mechanical loads and the strongest functional requirements. The floor coating can also be installed by machine. Thus the system is also ideally suited for the construction of stair ramps and drains. Properties such as slip resistance, conductivity, liquid tightness, abrasion resistance, impact and shock resistance or chemical resistance are available as individual requirements or in combination. The floor coating for high mechanical loads is designed for the use by trucks, forklifts and lift trucks with hard tyres or track vehicles.

System features:

- Can be installed by machine
- Slip resistance as required R9 - R13 -
- High leveling capacity
- Passable for heavy machines
- Insensitive to shock and impact -
- Chemical resistant



Sealing

0,6 kg/sqm

WILLPOX 2134 – 2-components can be adjusted as required: slip resistance R9 - R13

Coating

WILLPOX 4190 Mortar coating – 2 components consumption depends on the severity of the load

Primer

0,5 kg/sqm

WILLPOX 1115 TixR – 2-components



Color options

Available in all RAL colors.



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Suitable for the following substrates:

<input checked="" type="checkbox"/> Concrete	<input checked="" type="checkbox"/> Screed	<input checked="" type="checkbox"/> Exposed aggregate concrete
<input checked="" type="checkbox"/> Asphalt	<input checked="" type="checkbox"/> Bitumen	<input checked="" type="checkbox"/> Laminate / PVC
<input checked="" type="checkbox"/> Tiles	<input type="checkbox"/> Wood	<input type="checkbox"/> Glass
<input type="checkbox"/> Ferrous metals	<input type="checkbox"/> Other metals	<input type="checkbox"/> Rigips



Total coating thickness	5-10 mm
Accessibility	1 day after the last working cycle
Working time	after 20 - 30 Stunden (for 100sqm)
No. of applications	3
Quartz-Hardness	7

Solvent-free	yes
Permeable	no
Water-permeable	no
Emission-free	yes



Tools



Mixing bucket



Mixing tool



Sealing roller



Trowel



Straightener



Structure roller

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.