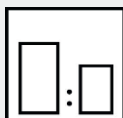


Intended use

Permanently electrically conductive 2K-PU one-coat and top coat for high-quality, abrasion- and weather-resistant, as well as chemical-resistant coatings on partially difficult to coat substrates (e.g. GRP) to produce electrically conductive surfaces.
(fulfils even the CH standard SN 429 001)

Processing instructions



Mixing ratio

Hardener

PU 955-25 (H40.24.)

by weight (lacquer : hardener)

6 : 1

by volume (lacquer : hardener)

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After addition of the hardener, allow approx. 15 min. pre-reaction time.



Hardener

Streicolor PU 955-25 2K-PU-Härter (H40.24)



Pot life

approx. 5 h at 20 °C



Thinner

Streicolor PUR-Verdünner (V53.01.)



Spray viscosity

gravity spray gun

approx. 30 s 4 mm DIN

Airmix / Airless

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Application mode

Application mode

gravity spray gun / HVLP --

hardener

pressure (bar)

2,0 - 2,5

nozzle (mm)

1,3 - 1,5

spray passes

2 - 4

dilution

5 - 10 %



Drying time

hardener

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object temp.

20 °C

dust dry

30 min

set to touch

4 h

ready for assembly

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sandable

--

recoatable

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Note

Characteristics:

Binder base

solids content (% by weight):

solids content (% by volume):

delivery viscosity DIN 53211 4 mm (in s):

density DIN EN ISO 2811 (kg/l):

gloss level DIN EN ISO 2813 W 60° (gloss units):

acrylic resin

70 - 72

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thixotropic

1,3 - 1,5

mat - satin matt

Properties:	resistance to earth (IEC-standard 61340-5-1) = $< 3.5 \times 10^7$, resp. $< 35 \text{ M}\Omega$. highly water-resistant highly UV and weather-resistant highly resistant to chemical agents highly resistant to solvents adhesion on GRP
Theoretical spreading rate:	81 g/m ² or 12 m ² /kg, 6:1 by weight with hardner PU 955-25 (H40.24.), at 30 µm dry film thickness
Storage:	at least 6 months in unopened original containers.
VOC Regulation:	please refer the safety data sheet for the solvent content.
Processing conditions:	from +10 °C and up to 80 % relative humidity. Ensure adequate air ventilation.
Substrate preparation:	<p>Remove oil, grease, rust, mill scale, rolling skins as well as other substances impairing the function of the coating!</p> <p>Attention: A direct adhesion cannot be taken as granted due to the most different kind of metals, alloys, metallic and conversion coatings and so on. The adhesion must therefore be tested on the original metal substrate.</p> <p>steel:</p> <ul style="list-style-type: none">- blast to cleaning degree Sa 2½, remove blast residues and overcoat promptly- de-rust with hand and power tools to degree of cleanliness St 3- degrease with Mipa WBS Reiniger or Mipa Silikonentferner <p>aluminium:</p> <ul style="list-style-type: none">- degrease with Mipa 2K-Verdünnung or Streicolor PUR-Verdünnern (V53.01), sand thoroughly with sanding paper P 360 / 400 and clean subsequently with Mipa Silikonentferner <p>GRP:</p> <ul style="list-style-type: none">- clean (remove completely any mould release agents), if necessary sand slightly and degrease with Mipa Silikonentferner
Proposed coating structure:	<p>single layer system</p> <p>GRP:</p> <p>PU 291-10 2K-PU-Leitlack with 25 - 35 µm dry film thickness</p> <p>2-coat system</p> <p>steel, aluminium:</p> <p>priming coat: *VB 100-20 with max. 20 µm dry film thickness</p> <p>finishing coat: PU 291-10 2K-PU-Leitlack with 25 - 35 µm dry film thickness</p> <p>*further Mipa / Streicolor primers are available. Please contact your technical adviser or our application technicians.</p>
Special notes:	<p>For professional use only!</p> <p>Colour shades can only be matched approximately. Colour deviations are due to the conductive pigments.</p> <p>The coating structure also depends on the later stress on the paint.</p> <p>Application: spraying - for roller and brush application we recommend using our product PU 290-50 2K-PUR-ESD-Beschichtung.</p>
Cleaning of tools:	Clean tools immediately after use with Streicolor PUR-Verdünnern (V53.01) .