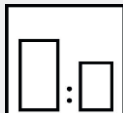


Intended use

Permanently electrostatically dissipating 2K PUR monolayer for high-quality, abrasion-resistant and chemical-resistant coatings on a wide variety of substrates such as PVC coverings, mineral substrates, etc., to create electrostatically dissipating surfaces.

Processing instructions



Mixing ratio

Hardener

PU 955-25 (H40.24)

by weight (lacquer : hardener)

6 : 1

by volume (lacquer : hardener)

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The hardener must be mixed intensively with a mechanical stirrer for 1 minute. Allow to react for 2 - 3 minutes before use, then apply immediately.



Hardener

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



Pot life

1,5 h at 20 °C



Thinner

Streicolor PUR-Verdünner (V53.01)



Spray viscosity

gravity spray gun

approx. 25 s 4 mm DIN

Airmix / Airless

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Application mode

Application mode

brush, roller*

hardener

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pressure (bar)

--

nozzle (mm)

--

spray passes

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dilution

0- 5 %

*suitable: foam paint roller, short pile roller



Drying time

hardener

--

object temp.

20 °C

dust dry

1 h

set to touch

10 h

ready for assembly

--

sandable

--

recoatible

12h

Fully cured after 10 days (at 20°C).

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 at 60° (GU):

Acrylic resin combination

69 - 71

--

thixotropic

1,3 - 1,5

50 - 60 semi-gloss

Properties:

resistance to earth (IEC 61340-5-1 & SN 429 001) = 5×10^4 , up to $< 10^7 \Omega$

highly water-resistant

high UV and weather resistance

highly resistant to chemicals

highly resistant to solvents
adhesion to PVC flooring

Theoretical spreading rate: 200 g/m² or 5 m²/kg, 6:1 by weight with PU hardener PU 955-25 (H40.24), bei 10 µm for 10 µm dry film thickness

Storage: at least 6 months in unopened original container.

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: Remove oil, grease, rust, mill scale, rolling skins as well as other substances impairing the function of the coating!

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.

PVC:

- thoroughly clean new flooring
- thoroughly clean used flooring with a steam pressure device and allow to dry completely

concrete:

- mineral substrates (set, dimensionally stable, rough and solid) must be free from friable parts and other substances that may affect the adhesion (e.g. rubber marks, greases, oils, rust, dust and similar)
- The equilibrium moisture content must have been achieved (concrete, cement screed < 4% by weight, anhydrite screed < 0.3% by weight, magnesite floor < 4% by weight).
- The bond strength must be > 1.5 N/mm².
- The compression strength of the substrate must be > 25 N/mm².
- Ensure perfect insulation against earth moisture.

Proposed coating structure: Single-layer system:
PVC flooring:
PU 290-50 2K.PUR-ESD-Beschichtung with 40 - 50 µm dry film thickness

2-layer system

concrete:

priming coat: *PU 105-20

finishing coat: PU 290-50 2K-PUR-ESD-Beschichtung with 40 - 50 dry film thickness

Special notes: For professional use only.

Colours are available only in approximate shade. Colour deviations are caused by the conductive pigments.

The number of necessary earthing points depends on the substrate and the size of the surface.

When applying with a brush or roller, visible brush or roller strokes can never be completely avoided.

Cleaning of tools: Clean tools immediately after use with Streicolor PUR-Verdünnern (V53.01).