

Technical Data Sheet

Rhenoplast KP7

Art.No. : 7500



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Rhenoplast KP 7, PVC coating for interior use

Rhenoplast KP 7, Base paint A,B,C base paint for self-tinting

One-component PVC-profile paint

Water-based, environmentally friendly

Gloss degree: silky matt

Art.-No.: A 7500 (RAL tones)

Art.-No.: A 7501 (metallic tones)

Art.-No.: A 7511 (base paint A), A 7512 (B), A 7513 (C)

Features:

Single-component varnish for the universal coating of interior hard PVC-profiles. Ready to use, abrasion and scratch resistant, resistant against water and common cleaning agents, weather resistant.

Application areas:

For the coating of doors, kitchen furniture as well as other elements made out of hard PVC. The surface of the elements to be coated must be clean, must not be contaminated with silicone or other impurities and must not have had a chemical pre-treatment.

For professional use.

Processing instructions:

Stir or shake container well before use. The paint is ready to use without dilution.

Application method	Spraying
Spray technique/nozzle	Flow cup pistol: Nozzle size 1.5 - 2.0 mm (pressure 4 bar) HVLP: Nozzle size 1.5 - 1.8 mm (pressure 2 - 2.5 bar) Airmix: Nozzle size \leq 0.23 mm (pressure depends on device)
Recommended application temperature	20 °C
Drying	<u>at 20 °C and maximum relative humidity of 60 %:</u> tack-free or dry to touch after approx. 6 hours, fully hardened overnight. <u>with forced drying at 50 °C</u> (airing time beforehand: 10-15 min.) tack-free after ca. 10 min., through dry after ca. 1 hour, fully hardened after ca. 24 hours.
Application amount	75 to max. 100 ml/m ² (approx. 25 ml/m ² with RAL 9006 and 9007)
Thinning	KP7 is ready to use unthinned, but can be diluted with 1 to 3 % water

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Viscosity

Colour tones: 500 -1100 mPas (Brookfield, spindel 6, 100 rpm)

Setup:

- All colours such as RAL *have* to be applied in a one-step system. i.e. in one layer.
- To improve scratch-resistance, KP 12⊕plus can be used as a top coat.

Application procedure:

- Clean profile surface carefully with compressed air, so that no shavings remain and impede the varnishing process.
- Areas not to be coated should be masked with tape.
- Clean profiles with cleaner Rhenoplast HR 1 to remove dirt and grease residues and to obtain an antistatic effect.
- After cleaning with Rhenoplast HR1 please allow ca. 5 minutes for the cleaner to dry.
- Pre-spray paint on edges.
- Varnish the profile.
- If required, cover with a protective foil only after profile is completely dry.

Application amount:	wet film strength:	75 - max. 125 µm
	dry film strength:	30 - 50 µm
optional: Clear top coat KP 12⊕plus		75-100 µ (wet)

Cleaning:

- Painted surfaces (spray dust, dirt, adhesive residue...): with "Rhenocoll CleanEx"
- Impurities caused by paint residue on profile to be coated (e.g. spray dust on white surface due to bad taping): with "Rhenocoll HR1"
- Appliances: with water immediately after spraying; dried or semi-dried paint residue can be removed with "Rhenocoll Phasenumwandler VP 724"

Supply units:

1 l tin
5 l pail
20 l pail
150 l barrel

Storage:

Cool and frost-free. Containers should be firmly closed after use. Can be stored for 1 year.

Disposal:

Not completely dried or dried up product residue must be disposed of as hazardous waste. Recycle empty containers.

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Ecology:

Do not discharge into the drains / surface waters / groundwater.

WGK : 1 (self classification)

VOC: Cat. D / base Wb / max value 150 g/l / IST value 86 g/l

Labelling:

VbF: not applicable

Gef.StoffV: no labeling required

GGVS /ADR: no labeling required

Safety advice:

Do not inhale aerosol. Use respiratory protection device when working without sufficient ventilation. Keep under lock and out of reach of children. Avoid contact with skin and eyes. Keep away from food stuff, beverages and feed. In case of contact with eyes, rinse thoroughly with water and consult a doctor. Do not empty into drains. When feeling unwell seek medical advice and, if possible, submit this sheet. Even when processing low-emission paints the usual safety measures are to be observed.

Service:

Our service team for application technology is available to you at any time without obligation.

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With the release of this Technical Data Sheet all previous versions become obsolete.