

Technical Data Sheet

Rhenoplast KP 2

Art.No. : 7650



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Rhenoplast KP 2, PVC coating

Rhenoplast KP 2, Base paint A,B,C base paint for self-tinging

PVC-profile paint

Water-based, environmentally friendly

Gloss degree: silky matt

Art.-Nr.: A 7050 (RAL tones)

Art.-Nr.: A 7250 (metallic tones)

Art.-Nr.: A 7650 (base paint A), A 7651 (B), A 7652 (C)

Features:

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

All KP2 RAL tones *have* to be applied in one layer. KP2 metallic tones have to be top-coated with the clear lacquer "Rhenoplast 12⊕plus ", i.e. they need to be applied in a two-step system.

Application areas:

For the coating of PVC-profiles for windows and doors 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 ≤ 0.23 mm (pressure depends on device)

Recommended application : 20 °C
temperature

Drying : at 20 °C and maximum relative humidity of 60 %:
dust dry after ca. 1 ½ hours, tack-free or dry to touch after
ca. 12-16 hours, fully hardened after 10 days.
with forced drying at 50 °C (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. 125 ml/m² (ca. 25 ml/m² with RAL 9006 and
9007)

- Thinning : KP2 is ready to use unthinned, but can be diluted with 1 to 3 % water
- Viscosity : Colour tones: 650 -1100 mPas (Brookfield, spindel 6, 100 rpm)
Metallic tones: 600-800 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.
- KP1 ⊕plus metallic tones have to have a clear top coat with KP 12⊕plus, i.e. a two-step system is necessary. With these tones, their finished look depends on the thickness of the layer.

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
1. layer (metallic paint): 25 – max. 125µm
2. layer (clear top coat KP 12⊕plus) ≤ 75µ 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"

Please note when tinting / mixing metallic tones:

Process immediately after mixing. When storing mixed product, a change in viscosity occurs due to escaping gases.

Supply units:

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

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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.

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 102 g/l

Labelling:

VbF: not applicable
Gef.StoffV: no labelling required
GGVS /ADR: no labelling 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.