

R H E N O P L A S T K P 1 P l u s

PVC-profile lacquer, waterbased, environment-friendly
Gloss degree: silk-matt

Features:

Single-component varnish for the universal coating of hard PVC-profiles. Ready for use, abrasion resistant, scratch resistant, resistant against water and common cleaning agents, weather resistant.
All KP1 Plus-RAL-tones will be sprayed once. KP1 Plus metallic tones have to be coated with clear coat "Rhenoplast KP 12 Plus", i.e. they need a second layer.

Application areas:

For varnishing of PVC-profiles of doors or windows as well as other elements made of hard-PVC.
The surfaces of the material which has to be coated must be clean, may not be defiled by silicone or other materials and may not have had a chemical pretreatment.

Application notes:

Stir or shake container well before use. The paint is ready for use, no dilution is required.

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 (pressure depends on device)
Recommended application temperature	: 20 °C
Drying	: <u>at 20 °C and maximum relative humidity of 60 %:</u> bone-dry after approx. 1 ½ hours, non-sticky resp. handy after approx. 4-6 hours, completely dry after 12-16 hours, full-hardened after up to 10 days. <u>with forced drying at 50 °C (before exhaust air time of 10-15 min.):</u> non-sticky after approx. 10 min., completely dry after 1 hour, full-hardened after 24 hours.
Application amount	: 75 - max. 125 ml/m ² (approx. 25 ml/m ² for RAL 9006 and 9007)
Thinning	: KP1 Plus is ready for use, contingently dilutable with 1-3 % water
Viscosity	: colorful tones 650-1100 mPas (Brookfield, spindle 6, 100 rpm) metallic tones 600-800 mPas (Brookfield, spindle 6, 100 rpm)

Set up of color:

- All colorful tones like RAL will be sprayed once.
- KP 1 Plus-metallic colors have to be coated with KP12 Plus, i.e. they need a second layer. At these color tones the optics of the color tones depends on the layer strength.

Application procedure:

- Careful cleaning of the profile surface with compressed air, with that no remains disturb the varnishing process.
 - Cover the parts not to be treated with tape.
 - Cleaning of the profiles with adhesive cleaning agent "Rhenoplast HR 1" to remove dirt and grease remains and to obtain an antistatic effect.
 - After cleaning with the "Rhenoplast HR1" please wait 5 minutes till the cleaning agent has dried.
 - Varnishing of profiles.
 - Cover with a possible protective foil only after complete drying.
- Application amount: - wet film strength: 75 - max. 125 µm,
- dry film strength: 30 - 50 µm.
1. layer (metallic lacquer): 25 – max. 125µm
2. layer (clear coat KP 12 Plus) ≤ 75µ wet

Technical Notice

Rhenoplast KP 1 Plus

Art.Nr.: A7010



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Cleaning products:

- Lacquered surfaces (spray dust, dirt, tape remains...):
with "Rhenocoll CleanEx"
- Pollutions through lacquer remains on uncoated profiles (e.g. spray dust on white surface by bad taping): with "Rhenocoll Haftreiniger HR1"
- Work devices:
with water immediately after spraying; dried paint remains can be removed with "Rhenocoll Phasenumwandler VP 724"

Hint for the tinting of metallic color tones:

Process immediately after tinting. At stockage occurs, due to gases, a change in viscose.

Supply Units:

1 l tin
5 l pail
20 l pail

Storage:

Cool, but frost free, close already opened container well, storable for 1 year.

Disposal:

Non-completely dry or dried up product remains must be disposed as hazardous waste.

Ecology:

Do not allow to reach bodies of water, waste-water or ground.

WGK: 1 (self-classification).

Labeling:

Xi : Irritating
R 36 / 38 : Irritating to eyes and skin

Safety tip :

Do not inhale aerosol. Use respiratory protection devices when working without sufficient ventilation.

Service:

Our counseling service for technical applications is ready to help you at any time without obligation.

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Statements going beyond or deviating from the contents of this notice requires the written confirmation of the company headquarters.

In all cases our General Terms of trade and delivery are in effect.

With the appearance of this Technical Notice all previous versions become invalid.