

### Rhenoplast KP1<sup>+</sup> plus Nano, heat reflective PVC coating, easy to clean

### Rhenoplast KP1<sup>+</sup> plus Nano, base paint A,B,C, for self-tinting

Rhenocoll PVC-profile paint

water-based, environmentally friendly

Art.-No.: A 7014 (RAL tones)

Art.-No.: A 7635 (Base A), A 7636 (Base B), A 7637 (Base C)

**Specification:** Single component paint, for the coating of profiles for windows and doors, as well as other components made of hard-PVC, with easy-to-clean features. The surface of the material to be coated must be clean, must not be contaminated with other material and must not have been treated chemically. Ready for use, wipe and scratch resistant, weather and water resistant and resistant against common cleaning products. Any Rhenoplast KP1<sup>+</sup> plus Nano RAL tones must be applied in one layer. For professional use.

**Processing instructions:** Stir or shake container well before use. The paint is ready to use without dilution.

**Gloss degree:** satin matt (standard)

**Application method:** Spraying

#### **Spray technique/nozzle:**

Flow cup pistol: Nozzle size 1.5 – 1.8 mm, pressure 4 bar

HVLP: Nozzle size 1.7 – 2.0 mm, pressure 2 – 2.5 bar

Airmix: Nozzle size ≤ 0.23 mm, pressure depends on device

**Recommended application temperature:** +20°C

#### **Drying at +20°C and maximum relative humidity of 60%:**

Dust dry after approx. 1 ½ hours, tack-free or dry to touch after approx. 4-6 hours,

Fully cured after up to 10 days.

#### **With forced drying at +50°C (flash-off time beforehand 10-15 min.):**

Tack-free after approx. 10 min, through-dry after approx. 1 hour, fully cured after approx. 24 hours

**Application amount:** approx. 75 to 125 ml/m<sup>2</sup>

**Thinning:** Rhenoplast KP1<sup>+</sup> plus Nano is ready to use undiluted, but can be diluted with 1% to 3% water, if needed.

**Viscosity:** Color tones: 650 - 1100 mPas (Brookfield, spindle 6, 100 rpm.)

#### **Application setup:**

All colors such as RAL must be applied in a one-step system, i.e. in one 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 HR 1 please allow approx. 5 minutes for the cleaner to dry.
- Pre-spray paint on the edges.
- Varnish the profile by spraying.
- If required, cover with a protective foil only after profile is completely dry.

**Application amount:** Wet film strength: approx. 75 - 125 µm

**Application amount:** Dry film strength: 30 - 50 µm

**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/Storage temperature:**  $\geq 5^{\circ}\text{C} \leq 25^{\circ}\text{C}$ :

storable in closed container 12 months, in opened container 3 months.

**VOC 2010:** Cat. D / base wb / max value 130 g/L / actual value 50 g/L

**Labeling according to regulation (EC) No 1272/2008:** DANGER - H360D

**GGVS/ADR:** non dangerous goods

**Safety advice:** During processing, common protection measures and regulations according to the authorized trade association must be observed. Safety-relevant data and instructions regarding disposal can be found in the safety data sheet.

**Service:**

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

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