

## **Rhenoplast KP12<sup>+</sup> plus Royal Effect - Diamond**

Use as top-coat varnish with integrated diamond effect for Rhenoplast KP2 und KP1<sup>+</sup> water-based, environmentally friendly

**Art.-No.: A 7710**

**Specification:** Single component clear varnish, for the coating of profiles for windows and doors, as well as other components made of hard-PVC. Recommended as a top-coat for KP2 and KP1<sup>+</sup> plus in dark color tones, preferably RAL 9005. Provides brilliant and classy top surface with glitter. Ready for use. Wipe and scratch resistant, weather and water resistant and resistant against common cleaning products. 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.

**Gloss degree:** glossy

**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 65%:**

tack-free or dry to touch after approx. 10 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. 10-15 min, through-dry after approx. 1 hour, fully cured after approx. 24 hours

**Application amount:** approx. 75 to 100 ml/m<sup>2</sup>

**Thinning:** Rhenoplast KP12<sup>+</sup> plus is ready to use undiluted, but can be diluted with 1% to 3% water, if needed.

**Viscosity:** 1000 - 1200 mPas (Brookfield, spindle 6, 100 rpm.)

### **Application procedure:**

- Apply KP12<sup>+</sup> plus Royal Effect Diamond as top-coat varnish on to profiles coated with KP2 or KP1<sup>+</sup> plus
- Pre-spray paint on the edges.
- Apply top-coat in one step
- If required, cover with a protective foil only after profile is completely dry

**Application amount:** Wet film strength: approx. 75 - 100 µm

**Application amount:** Dry film strength: 25 - 35 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"

# Technical Data Sheet

**Rhenoplast KP12<sup>+</sup> plus**  
**Royal Effect Diamond**

**Art.No.: A 7721**



version: 2015/02 page 2 of 2

## 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. L / base wb / max value 200 g/L / actual value 113 g/L

**Labeling according to regulation (EC) No 1272/2008:** WARNING - H315, H319

**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.

**Phone:** ++49 (0)6384 99 38 - 0

**Fax:** ++49 (0)6384 99 38 - 112

**Email:** [info@rhenocoll.de](mailto:info@rhenocoll.de)

The information given within is without obligation and is based on practical experience as well as on experiments which we have carried out and are not attribute guaranties in the sense of the newest BGH legal requirements. We recommend that in any case users carry out their own tests since we have no influence over the large diversity of materials and their processing. No liability for the manufacturer can be derived from the contents of this data sheet. Statements going beyond or deviating from the contents of this data sheet require the written confirmation of the company headquarters. Our General Terms & Conditions apply in any case. With the release of this Technical Data Sheet all previous versions become obsolete.