

## TECHNICAL DATA SHEET

**Item number:** 0600-217-090

**Product name:** PREMIUM PLUS CLEAR COAT

# PREMIUM PLUS 6+1 CLEAR COAT

**Description:** Two-component clear coating to secure the mirror & chrome effect in changing environment. Resistant to light and weather conditions. Highly resistant to physical and mechanical weathering. Short dry time. Ensures highly durable coats and superb esthetics thanks to the optimal flow rate. The product is resistant to weather conditions and UV.

### RECOMMENDED USE

Decorative-protective topcoat for 1K Mirror & Chrome Effect Coating.

### TECHNICAL PROPERTIES

• Density (approx.), kg/dm <sup>3</sup>		0,93	
• Recommended film thickness per one coat, dry, µm.		30	
• Recommended film thickness per one coat, wet, µm			70
• Dry time (at 20 °C): 1st degree (tack-free), min	15		
• Dry time (at 20 °C): 3rd degree, min		30	
• Theoretical coverage at 30 µm film thickness µm dm <sup>3</sup> /m <sup>2</sup>	0,1		
• Non-volatile ingredients (approx.), % by volume	30		
• Pot life at 20 °C, h	8		
• VOC (kat. B/5) permitted, g/l	840		
• VOC in a ready-to-use product, g/l			680
• Recommended number of coats			1-2

**GLOSS** high gloss

**COLOR** clear

### APPLICATION METHOD

Stir the contents after opening the cans.

**Mixture preparation:** Thoroughly mix content I and content II following the volume ratio:

- Content I **6**
  - Content II **1**
- Content II – number: 0604-217-0000

Apply with a paint spray gun after thorough blending and thinning down to spraying viscosity.  
Pot life of the mixture: 8h.

### Product application

Single coat, conventional sprayer:

- tip size 1,3 – 1,5 mm
- spraying pressure 3,0 – 3,5 atm
- recommended number of coats 1-2
- solvent evaporation time between coats: 10 min
- it's possible to redry the coating at a higher temperature no sooner than 30 minutes after applying the last coat (the time is required to reach the proper flow rate and initial evaporation of solvents).

**Thinner number:** 8017

recommended amount of thinner ( coating + curing agent) – 10-20% by volume.  
Solvent for equipment cleaning: 8017

## APPLICATION

### Surface

Dried coat of 1K Mirror & Chrome Effect Coating (Item number: 0600-812-00X). Minimal time between applying the last chrome/mirror base and the clear coating with PREMIUM PLUS is 20 to 30 minutes.

## ADDITIONAL INFORMATION

- **IT IS NOT RECOMMENDED** to apply any other topcoats than those approved by Alma-Color Sp. z o.o. Otherwise the mirror & chrome effect will not be achieved.
- **IT IS NOT RECOMMENDED** to add a catalyst to the PREMIUM PLUS topcoat as the metal pigment present in the underlying coat will turn gray.
- **IT IS NOT RECOMMENDED** to increase the amount of the curing agent added to the PREMIUM PLUS protective coating as it would affect the metal pigment in the underlying coat.
- Product dilution – only thinner 8017
- It is possible to adapt the coat thickness according to the purpose and substrate type, independently of the recommendations included in the manual. In the case of conventional spraying, the range for a single coat is 35-40 µm. Changing the coat thickness results in altered theoretical coverage, film thickness, dry time and waiting time before recoating.
- The content of volatile organic compounds (VOC) in the Alma-Color products complies with the Ordinance of the Minister of Economy from of January 24, 2007 and Directive 2004/42/CE of the European Parliament and of the Council of April 21, 2004.

### Painting and curing conditions:

- minimal substrate temperature 10°C,
- good ventilation.

**SHELF LIFE:** 12 months from the production date as stored in the original unsealed container, at the temp. of 5-35°C

6 months for the curing agent.

The above information, as much as is valid to the best of our knowledge — based on laboratory tests as well as on our hands-on expertise — should not be considered complete. As a manufacturer, we are not able to monitor all various conditions in which the product is applied or many other factors that can influence the final result of the product application and use. We are not responsible for any damages caused by any misuse of the product be it by not following our recommendations or by using the product for purposes other than intended by the manufacturer. We keep the right to modify the manual any time without prior notice.

**WARNING!** This product is designed for professional use in the given industry. The detailed information regarding product safety can be found in the MSDS for Hazardous Products.