

ALPHAGAM

TECHNICAL DATA SHEET

2K Clearcoats

ACC10006 2K PU MATT CLEAR

2K PU MATT CLEAR

Product Code : ACC10006

PRODUCT INFO

2K PU MATT CLEAR is a two component acrylic - based clearcoat with 35-45 gloss units at a 60° angle. It is a high performance 2K clear coat, designed specifically to achieve a matt finish. It is characterized by excellent flow, high chemical resistance and hardness properties.

Approx Theoretical Coverage: 7-8 m²/L (@ 40 - 50µm DFT)

FEATURES

- ✓ It is a two component, acrylic based clear coat with 35-45 gloss units at a 60°-angle.
- ✓ It provides excellent resistance.
- ✓ It is appropriate to finish matt, satin matt and satin gloss metallic and effect coatings.
- ✓ For use on plastic parts (e.g.bumpers) just add the additive Plastic Adhesion Promoter.
- ✓ Scratch Resistant.
- ✓ It is also suitable for spot, panel and overall repairs.

SURFACE PREPARATION

Must be applied on top of a clean, dry, dust free base coat surface (use of tack 0 rag is suggested to remove dirt & dust particles from the base coat surface before clear coat application.)



Application Method

Application method	Pressure/bar	Nozzle/mm	Spray Passes	Thinner (%)
Gravity spray gun (high pressure)	2 - 2.5	1.3 - 1.4	2 - 2.5	0 - 25
HVLP (low pressure)	2 - 2.5	1.3 - 1.4	2 - 2.5	0 - 25

This data sheet is for information purpose only. To our knowledge the data provided complies with the latest standard and is based on years of experience in the manufacture of our products. However the data is not binding and without warranty. Please follow recommendations stated on the relevant precautions stated on the product label. We reserve our right to make additions, deletions or modifications to the information at any time without prior notification.

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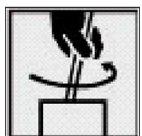
**Pot life :**

1 hr with 1-UP 2K PU MS Fast Hardener @ 30°C
2 hr with 1-UP 2K PU MS Medium Hardener @ 30°C
3 hr with 1-UP 2K PU MS Slow Hardener @ 30°C

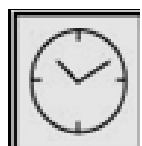
**Hardener :***for complete paint work**for partial paint work*

1-UP 2K PU MS Medium Hardener
1-UP 2K PU MS Slow Hardener

1-UP 2K PU MS Fast Hardener

**Thinner :**

1-UP 2K PU Standard Thinner @ 20-25%
1-UP 2K PU Medium Thinner @ 20-25%

**Drying time :**

Object temperature	Dust Dry/min	Set to touch	Ready for assembly	Sandable	Recoatable
30°C	25 - 35 min	6 h	12 h	NA	NA
60°C	NA	30 min	2 h	NA	NA

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Technical Information

	Colour : Colourless
	Mixing Ratio : 4 : 1 (by volume) (4 parts of Clear & 1 part of Hardener)
	Spraying Viscosity : 18 - 20 sec. 4mm DIN
	Flash Off Time : 10 - 15 min. prior to oven drying
	Dry Coat Thickness : 40 - 50 µm

Storage :	1year from the date of manufacturing at 30° C, if stored in a dark dry place in a tightly closed container.
VOC Regulation :	EU limit value for this product (category B/d): 420 g/l This product contains max. 420 g/l of VOC.
Processing Conditions :	From +10°C and up to 80% relative air humidity. Ensure an adequate air ventilation.
Processing instructions:	Important : The spray technique affects significantly the gloss level. The last coat should therefore be applied thinly and evenly after a flash-off of approx. 5-10 minutes.