

ALPHAGAM

TECHNICAL DATA SHEET

2K Clearcoats

ACC10005 2K PU CLEAR

2K PU CLEAR (2:1)

Product Code : ACC10005

PRODUCT INFO

2K PU Clear 2:1 is a two component high solid system that provides excellent flow, gloss and smooth finish. It is easy to apply and suitable for all types of repairs & in most application conditions.

Especially recommended for high quality complete spraying or spot repairs. Equally suitable to give good protection to a wide range of constructive components (for eg. Car interiors & exteriors, Motorcycle tanks, Bus and Truck, ACE and Machineries). It has excellent durability (for example as a result of car wash or mechanical abrasion) and against chemical products.

Approx Theoretical Coverage: 8 - 10 m²/L (@ 50 - 60 μ m DFT)

FEATURES

- ☒ It is a High-Solid acrylic clearcoat for complete or partial paintwork of cars and commercial vehicles.
- ☒ It provides brilliant finish and has excellent flow on solvent and water based basecoats.
- ☒ It can be polished after forced drying.
- ☒ It is highly resistant to all kind of weathering as well as to mechanical stress and chemical agents.
- ☒ It has excellent drying properties especially in case of oven drying.
- ☒ It guarantees an optimal curing especially in case of oven drying but also at room temperature

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)	2.5 - 3	1.3 - 1.4	2 - 2.5	0 - 25
HVLP (low pressure)	2.5 - 3	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.

2K PU CLEAR (2:1)

Product Code : ACC10005



Pot life :

1hr with 1-UP 2K PU HS Standard Hardener @ 30°C

1.5 - 2 hr with 1-UP 2K PU HS Medium Hardener @ 30°C

2 - 2.5 hr with 1-UP 2K PU HS Slow Hardener @ 30°C



Hardener :

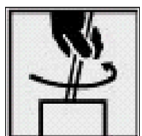
for complete paint work

for partial paint work

1-UP 2K PU HS Medium Hardener

1-UP 2K PU HS Standard Hardener

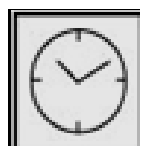
1-UP 2K PU HS Slow Hardener



Thinner :

1-UP 2K PU Standard Thinner @ 20-30%

1-UP 2K PU HF Thinner @ 20-30%




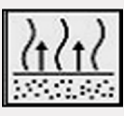

Drying time :

Object temperature	Dust Dry/min	Set to touch	Ready for assembly	Sandable	Recoatable
30°C	25 - 35 min	8 h	12 h	NA	NA
60°C	NA	30 min	2 h	NA	NA

2K PU CLEAR (2:1)

Product Code : ACC10005

Technical Information

	Colour : Colourless
	Mixing Ratio : 2 : 1 (by volume) (2 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 : 50 - 60 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:	Optimum application: apply a light continuous spray coat followed by 1 full spray coat. In order to assure a perfect curing we recommend forced drying. For high-quality partial and complete paintwork with oven drying : 2K PU HS Slow Hardener + 2K PU HF Extra Slow Thinner (at optimal application temperature 30 - 45 °C). For economic partial paintwork without oven drying: 2K PU HS Std Hardener + 2K PU Std Thinner (at optimal application temperature 30 °C). Spot-Repair: 2K PU HS Fast Hardener + 2K PU Std Thinner (at optimal application temperature 30 °C).

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.