

ALPHAGAM

TECHNICAL DATA SHEET

Topcoats TDS

ATC10001 2K PU TC MONOCOAT SILVER

2K PU TOPCOAT MONOCOAT SILVER

Product Code : ATC10001

PRODUCT INFO

2K PU Monocoat Silver (T/C) HS one-coat aluminium lacquer for high-quality coatings of semi-trailer, utility vehicles, machines, etc. The very high high-solid content (HS quality) allows durable high-gloss coatings. The special pigmentation ensures furthermore a safe application without clouding. Very good weather resistance, high resistance against chemical and mechanical stresses.

Approx Coverage: 10 – 12 m²/l at 40 - 50 µm DFT



Application Method

Application method	Pressure/bar	Nozzle/mm	Spray Passes	Thinner (%)
HVLP Spray Gun	2 - 2.5	1.3 - 1.4	1 - 2	0 - 30
Air / flow cup spray gun	2 - 2.5	1.3 - 1.4	1 - 2	0 - 30

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**Pot life :**

1 – 3 hr depends on the used hardener:

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

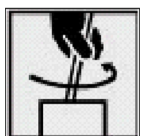
2 hrs with 1-UP 2K PU MS & HS Medium Hardener @ 30°C

3 hrs with 1-UP 2K PU MS & HS Slow Hardener @ 30°C

**Hardener :**

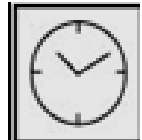
1-UP 2K PU MS Hardener

1-UP 2K PU HS Hardener

**Thinner :**

1-UP 2K PU Standard Thinner @ 0 - 30%

1-UP 2K PU Medium Thinner @ 0 - 30%

**Drying time :**






Object temperature	Dust Dry/min	Set to touch	Ready for assembly	Sandable	Recoatable
30°C	30 - 45 min	2 - 3 h	6 - 8 h	NA	NA
60°C	NA	30 min	After cooling-off	NA	NA

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Technical Information

	Colour : Approx. RAL 9006 white aluminium						
	Mixing Ratio : <table border="1"> <thead> <tr> <th>Hardener</th><th>By volume</th></tr> </thead> <tbody> <tr> <td>1-UP 2K PU MS Hardener</td><td>4:1</td></tr> <tr> <td>1-UP 2K PU HS Hardener</td><td>3:1</td></tr> </tbody> </table>	Hardener	By volume	1-UP 2K PU MS Hardener	4:1	1-UP 2K PU HS Hardener	3:1
Hardener	By volume						
1-UP 2K PU MS Hardener	4:1						
1-UP 2K PU HS Hardener	3:1						
	Spraying Viscosity : 18 - 20 s 4mm DIN						
	Flash Off Time : 10 - 15 min between each coats.						
	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 limiting value for the product (cat. B/e): 840 g/l This product contains max. 534 g/l VOC
Processing Conditions :	From +10°C and up to 80% relative air humidity. Ensure an adequate air ventilation.

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