

ALPHAGAM

TECHNICAL DATA SHEET

Topcoats TDS

ATC10176 2K PU TC SCHOOL BUS YELLOW

2K PU TOPCOAT SCHOOL BUS YELLOW

Product Code : ATC10176

PRODUCT INFO

2K PU School Bus Yellow (T/C) is a weather and yellowing resistant High-Solid car paint for VOC-compliant partial or complete paintworks on trucks, busses and commercial vehicles. It provides particularly high opacity, spreading rate, gloss retention and resistance to chemical and mechanical strain.

Approx Coverage: 10,0 - 14,0 m²/l at 50 - 60 µm DFT

SURFACE PREPARATION

It should be applied over properly prepared 2K fillers/primers, 2K Sealers, and old finishes in solid conditions. For final sanding use sanding paper P400/P500 dry or P800/P1000 wet prior to applying 2K ready-mix topcoats.

Existing job should be properly sanded and degreased. For cleaning and degreasing the surface prior to applying the topcoat it is recommended to use silicon Degreaser.



Application Method

Application method	Pressure/bar	Nozzle/mm	Spray Passes	Thinner (%)
Gravity spray gun (high pressure)	2.5 - 3	1.3 - 1.4	1.5 - 2	0 - 30
HVLP (low pressure)	2.5 - 3	1.3 - 1.4	1.5 - 2	0 - 30

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Pot life :

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



Hardener :

For complete paint work

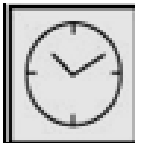
For partial paint work

- 1-UP 2K PU HS Medium & Slow Hardener
- 1-UP 2K PU MS Medium & Slow Hardener
- 1-UP 2K PU HS Fast Hardener
- 1-UP 2K PU MS Fast Hardener



Thinner :

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



Drying time :

Object temperature	Dust Dry/min	Set to touch	Ready for assembly	Sandable	Recoatable
30°C	20 - 30 min	5 - 6 h	12 h	NA	NA
60°C	15 - 20 min	30 min	After cooling	NA	NA

Technical Information

	<p>Colour : School Bus Yellow (T/C)</p>						
	<p>Mixing Ratio :</p> <table border="1"> <thead> <tr> <th>Hardener</th> <th>By volume</th> </tr> </thead> <tbody> <tr> <td>2K PU HS Hardener</td> <td>3:1</td> </tr> <tr> <td>2K PU MS Hardener</td> <td>2:1</td> </tr> </tbody> </table>	Hardener	By volume	2K PU HS Hardener	3:1	2K PU MS Hardener	2:1
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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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	Spraying Viscosity : 18 - 20 s 4mm DIN
	Flash Off Time : 5 - 10 min between each coats
	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 :	-
Processing Conditions :	From +10°C and up to 80% relative air humidity. Ensure an adequate air ventilation.
Processing instructions :	To avoid too thick layers (very high solids content as HS quality) strictly observe the recommended number of coats. Check colours before application. Always check colours after having added the hardener. The polishability of some colours may be limited due to the system.