

# ALPHAGAM

## TECHNICAL DATA SHEET

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PRIMER

**APP10039 2K PU WHITE PRIMER SURFACER**

## 2K PU WHITE PRIMER SURFACER 4:1

Product Code: APP10039

### PRODUCT INFO

**2K PU White Primer Surfacer** has very good filling properties and is very easy to sand. This filler can be used as compact as well as high-build filler. The combination with **2K Etch Primer** allows a very quick processing followed by heat-drying or drying at room temperature. This offers saving potentials in terms of spray booth occupancy, stoving times as well as working time. It is also suitable to fill partial areas (Spot repair) without sinkage or visible marks in the outer rim.

Another application option when using **2K Etch Primer** is the wet-on-wet application, after which the surface can be overcoated after only a very short intermediate drying of only 10 minutes at room temperature.

**Approx Coverage: 6,0 - 7,0 m<sup>2</sup>/l (for 50 - 70 µm DFT)**

### SURFACE PREPARATION

The substrate must be clean, dry and free from grease. Sand surfaces slightly. Remove old paintworks and priming coats. Prime beforehand bare metal surfaces with Etch Primer. In case of one-layer topcoat use sanding paper P 320 for dry sanding or 600 for wet sanding. In case of a Two-layer topcoat we recommend to use the sanding paper P 320 for dry sanding and 600/ 800 for wet sanding. Can apply on thermoplastic substrates (eg. Plastic Adhesion Promoter)



### Application Method

Application method	Pressure/bar	Nozzle/mm	Spray Passes	Thinner (%)
Gravity spray gun (sanding filler)	2.5 - 3	1.6 - 1.8	2 - 3	0 - 25
HVLP (sanding filler)	2.5 - 3	1.6 - 1.8	2 - 3	0 - 25

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### Pot life :

50 - 60 min with 2K PU MS Fast Hardener @ 30°C  
2h with 2K MS Standard Hardener @ 30°C



### Hardener:

*For complete paint work*

1-UP 2K PU MS Standard Hardener

1-UP 2K PU HS Standard Hardener

*For partial paint work*

1-UP 2K PU MS Fast Hardener

1-UP 2K PU HS Fast Hardener



### Thinner:

1-UP 2K PU Standard Thinner @ 0 – 25%

1-UP 2K PU Medium Thinner @ 0 – 25%






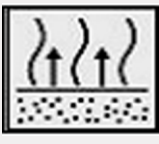

### Drying time :

Object temperature	Dust Dry/min	Set to touch	Ready for assembly	Sandable	Recoatable
30°C	10 - 15 min	NA	8 h	6 h	NA
60°C (30min)	10 - 15 min	NA	NA	30 min	NA

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**Technical Information**

	<p><b>Colour :</b> White (approx. RAL 9003)</p>										
	<p><b>Mixing Ratio :</b></p> <table border="1" data-bbox="445 786 1505 1234"> <thead> <tr> <th data-bbox="445 786 1235 853">Hardener</th> <th data-bbox="1235 786 1505 853">By Volume</th> </tr> </thead> <tbody> <tr> <td data-bbox="445 853 1235 920">AHD10029 2K PU MS STANDARD HARDENER</td> <td data-bbox="1235 853 1505 1043" rowspan="3">4:1</td> </tr> <tr> <td data-bbox="445 920 1235 987">AHD10026 2K PU MS MEDIUM HARDENER</td> </tr> <tr> <td data-bbox="445 987 1235 1055">AHD10027 2K PU MS SLOW HARDENER</td> </tr> <tr> <td data-bbox="445 1055 1235 1122">AHD10001 2K PU HS STANDARD HARDENER</td> <td data-bbox="1235 1043 1505 1234" rowspan="3">5:1</td> </tr> <tr> <td data-bbox="445 1122 1235 1189">AHD10021 2K PU HS MEDIUM HARDENER</td> </tr> <tr> <td data-bbox="445 1189 1235 1234">AHD10018 2K PU HS SLOW HARDENER</td> </tr> </tbody> </table>	Hardener	By Volume	AHD10029 2K PU MS STANDARD HARDENER	4:1	AHD10026 2K PU MS MEDIUM HARDENER	AHD10027 2K PU MS SLOW HARDENER	AHD10001 2K PU HS STANDARD HARDENER	5:1	AHD10021 2K PU HS MEDIUM HARDENER	AHD10018 2K PU HS SLOW HARDENER
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	<p><b>Spraying Viscosity :</b> 20 - 22 s 4mm DIN (sanding filler) 25 - 30 s 4mm DIN (high-build filler)</p>										
	<p><b>Flash Off Time :</b> 5 - 8 min between coats 10 - 15 min before oven drying</p>										
	<p><b>Dry Coat Thickness :</b> 50 - 70 µm (sanding filler)</p>										

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<b>Storage :</b>	<b>1year from the date of manufacturing at 30° C, if stored in a dark / dry place in a tightly closed container</b>
<b>VOC Regulation :</b>	–
<b>Processing Conditions :</b>	From +10°C and up to 80% relative air humidity. Ensure an adequate air ventilation.