

AUTO INDUSTRIAL HIGH BUILD 2K PRIMER




Technical Data Sheet:

10.2024



Product Details:	GP-AI301 GREY
Product Name:	Auto Industrial 2K Primer Hi Fill Surfacer
Product Description:	<p>GP-AI-301 2k Primer Hi-Fill Surfacer is specially designed for large auto and industrial surfaces;</p> <ul style="list-style-type: none"> • Hi Solid Content above 65% • Hi Build and Hi Form Build capability standard 80um can build to 150um • Longer pot life for larger surfaces up to 4 hours • Increased chemical and salt resistance 168h water resistance at 40°C • Excellent flexibility and impact resistance that will increase gloss and build up the topcoat. Impact Resistance above 50kg/cm, Hardness HB <p>Can be tinted using a maximum 8% 2k Colour from Germatech Colour Wall. Tinted 2k primer can be used to assist as ground coat coverage for transparent colours.</p>

Substrates:	
	<p>Sanded existing finishes, putty/body filler, fibreglass or primed surfaces including epoxy, 1k or 2k primer.</p> <p>Direct to sanded galvanised steel or metal - whilst Germa-Tech 2k Primer will adhere directly to metal, in particular on painted repaired surfaces where sections have been rubbed back to bare, adhesion can only be ensured if surface has been first coated with Germa-Tech Epoxy Primer.</p> <p>Not stainless steel - stainless steel first requires Epoxy Primer.</p>



Surface Preparation:



Remove Wax, Silicon and other contaminants with Germa-Tech Prepsol

Directions For Use:

Mixing Ratio:

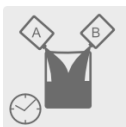


Mixing Ratio	Primer Surfacer +	Hardener +	Thinner
By Weight	5	1	1-1.3
	GP-AI-301	GP-AI-302	GP5107-GP5108

WARNING

**FOR AUTOMOTIVE APPLICATIONS DO NOT EXCEED 2-3 COATS
2 COATS PREFERRED AT BUILD 40-80UM**

Pot Life:



Pot-Life at 20 °C - 3 hours mixed

Shelf Life:

Shelf Life is up to 36 months if unopened and stored in a cool dry place (below 20°C). Shelf life is an optimal guide and the product is manufactured and tested to exceed shelf-life recommendations, avoid ambient temperatures above 20°C and exposure to direct sunlight which are amongst common factors that will diminish storage shelf life. Contact the distributor or manufacturer if requiring further advice.

If stored correctly, it can be used for up to 12 months from opening the original seal

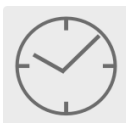
Spray Gun Set Up & Coating :



Gravity Fed: 1.6-1.8mm Suction Feed: 1.6-2.0mm
Conventional: 3-4 bar RP: 2.0-2.5 bar HVLP: 2.0 bar


Apply two even coats allowing 10 minutes flash off between coats, apply second coat once touch dry but still tacky, air dry for 30minutes before baking

Drying Time:



Temperature :	
25 °C	15 Hours – 24 hours at 60um allow additional at increased thickness or reduced ambient temperatures. Baking is recommend.

	70 °C	60 minutes – baking recommended
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Sanding Grit::	
	Dry Sanding with P320 finishing to minimum P600 Wet Sanding with P600 - P800
Re-Coat:	After drying and sanding, re-coat with all kinds of topcoats, ensure fully dry with preferred bake cycle

Additional Information	
Package:	4kgs * 4 Cans per box.
Notes:	<ol style="list-style-type: none"> 1. Clean equipment immediately after application. 2. Paint mist will dry more uniform when the temperature is below >25°C. 3. Theoretical coverage 5-7m per litre 4. Not recommended for use above 85% relative humidity 5. Store below 20°C.

The information contained in this file is presented in good faith based on thorough laboratory and field testing but without warranty. As we have no control over the conditions under which these products are used, it is recommended that all products be tested by the end user to ensure the suitability of the product for the particular application and conditions.