

# Acrythane SC601

Information Sheet

Version 1 13 July 2023

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**HMG**  
HMG Paints Ltd

## Description

Acrythane SC601 is a high solids 2K Acrylic Topcoat cured with isocyanate hardener, available in a range of gloss levels.

## Features

Suitable for use for both OEM's and Refinishers and a popular multi-sheen choice for use in various industries including Agricultural and Construction Equipment, Trailer Manufacture, Bus and Coach, Heritage, Light Industrial, Waste Management and Modular Buildings.

- Rapid drying
- Simplicity of use
- Excellent protection is provided against harsh weather conditions & atmospheric pollution
- Compatible with a number of HMG Primers
- Touch dry in 20mins
- Can be baked at 70°C

2023 New Matt sheen introduced that has significant performance upgrades. New performance benefits include:

- Significantly reduced striping effects
- Less prone to upglossing
- Superior mar resistance

All HMG Paints products are manufactured in Manchester, UK under the auspices of an ISO 9001 management system and are Made in Britain accredited.



## Substrates

For use on prepared steel, GRP, Aluminium and Galvanised Steel subject to harsh weather and atmospheric pollution. Not for application over chlorinated rubber or bitumen coatings.

## Important Information Before Use

Read and follow SDS, TDS, and label instructions. Stir paint thoroughly before use. Always use the same batch number on the same job. Check colour and sheen, HMG will not accept any discrepancies arising after use. Filter the product immediately before use.

## Application

### Method

Conventional Spray and Pressure Pot.

### Surface Preparation

Previous coatings should be fully cured and prepared. A test patch is recommended to check compatibility. Failed previous coatings should be removed back to firm well feathered edge & primed using a suitable system. Not suitable for application over Bitumen or Chlorinated Rubber.

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### Mild Steel

Remove millscale and thoroughly degrease using suitable HMG Prep Clean. Abrade with P80-P180 if necessary, before applying HMG Primer.

### Shot Blasted Steel

Remove all traces of blast grit/sand before applying HMG Primer.

### GRP

Abrade with P180-P320. Degrease using suitable HMG Prep Clean before applying HMG Primer

### Aluminium

Abrade with P180-P320. Degrease with suitable HMG Prep Clean. Coat with appropriate HMG Etch Primer, and if required HMG Primer

### Galvanised Steel

Degrease with suitable HMG Prep Clean. Apply HMG Mordant Wash. Coat with appropriate HMG Etch Primer, and if required HMG Primer

Please refer to our web site for:

Knowledge Base article Prep Cleaning Techniques (KNB0009).

Knowledge Base article Surface Preparation & Product Application (KNB0029).

Knowledge Base article Pictorial Surface Preparation Standards for Painting Steel Surfaces (KNB0026).

### Application

Acrythane SC601 is a two-pack product and will require the mixing of the two parts prior to application, once mixed a chemical reaction will occur to allow the product to dry. When using two-pack products, it is important that pot life is observed.

### Application Climate

Substrate temperature should be 5°C or above for application and during cure, and a minimum of 3°C above the dew point.

Adequate dry air ventilation should be supplied during drying.

### Application Information

Application and use should always conform with the codes of practice described in BS 6150 and BS 5493.

## Technical Information

Theoretical Coverage (approx) at 40 microns DFT	11 square metres per litre @ 40 microns dft mixed	Number of Coats (Guide Only)	1 medium & 1 full coat
Drying time at 20°C (May vary with film build and temperature)	Touch dry 30mins @20°C Hard dry 6-8hrs @20°C Hard dry 30mins @70°C Full dry 5-7 days	Application	Conventional Spray Pressure Pot

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<b>Suggested Primer(s)</b>	Polykote 2K AMC4, Polykote 2K MU, Polykote HS Rapidbuild 2K & Speedbuild 3	<b>Spray Gun Setup</b>	Conventional: 1.6-1.8 Pressure Pot: 1.1-1.4
<b>Hardener</b>	9004 or 9027	<b>Mixing Ratio</b>	2:1
<b>Thinner</b>	2600, 2601, 2062, 2603 or 2604	<b>Wet Film (WFT)</b>	90 microns
<b>Thinning</b>	Up to 25%	<b>Dry Film (DFT)</b>	40 microns
<b>Flash Point</b>	23°C	<b>Pot Life</b>	1-2 hours @ 20°C
<b>Volume Solids</b>	45%	<b>Recoat / Overcoat</b>	8hrs@20°C / 30mins@70°C*
<b>Maximum VOC (RFU)</b>	500g/l	<b>Finish</b>	Matt, Satin, Semi Gloss & Gloss
<b>Regulation / Compliance</b>	2004/42 IIB (E) 840	<b>Available Pack Sizes</b>	

\*After through curing (8hrs@20C / 30mins@70C) denib with p500g dry. After baking allow to cool before flattening and recoating.

## Colour Range

Full BS, RAL, agricultural and commercial vehicle colour ranges, and HMG ColourBase Colour Box range including metallic finishes, and specials on request.

## Health, Safety & Environmental

Refer to SDS and tin label prior to use. Suitable respiratory equipment should be worn when spraying. Contaminated rags, spray booth filters or other substrates should be segregated from other chemical waste, soaked with water or disposed of in a non-combustible container with tight fitting lid. Reduce emissions and maintain quality by replacing tin lid after use. Store between 5°C & 25°C. When not in use, cans must be kept sealed. Shelf Life for this product is 12 months from delivery date in original sealed containers.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of HMG's knowledge and belief accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their own particular use. For professional use only.