

PRODUCT NAME

Acrythane SC601 Colours

ORIGINALLY ISSUED

09/07/2008

VERSION

1.0

PRODUCT CODE

TOPSC601

VERSION DATE

09/07/2008



PRODUCT DESCRIPTION

A standard high solids 2K Acrylic cured with isocyanate hardener.

It offers outstanding properties including rapid drying, high gloss and simplicity of use.

Excellent protection is provided against harsh weather conditions & atmospheric pollution.



IMPORTANT INSTRUCTIONS BEFORE USE

- Read and follow SDS, TDS and label instructions
- Stir all paints thoroughly before use
- Always use the same batch number on the same job
- Check colour & sheen. HMG will not accept any discrepancies arising after use
- Filter the product immediately before use
- Reduce emissions and maintain quality by replacing tin lid after use
- If in any doubt speak HMG Technical Service Department on (0161) 205 7631



MAXIMUM VOC CONTENT (RFU)

0.5Kg/L

REGULATIONS / COMPLIANCE

- 2004/42 IIB (E) 840



COLOUR RANGE

- Available in a wide colour range including Fleet, RAL & BS and Automotive shades



GENERAL INFORMATION

Coverage	11 square metres per litre @ 25 microns dft mixed
Flashpoint	23°C
Storage	Store between 5°C - 25°C. When not in use, cans must be kept sealed
Shelf Life	12 months from delivery date in original sealed containers



CLEANING

Ensure surfaces to be coated are dry and must be cleaned using the appropriate HMG product to remove all traces of contaminants.

HMG produce a full range of cleaners, silicone removers, degreasers and preparatory cleaners suitable for the cleaning process.

Please refer to our website for Knowledge Base article Prep-Cleaning Techniques (KNB0009) and Preparatory Cleaners from the Product Guide.



SURFACE PREPARATION

Please refer to Knowledge Base for details on Surface Preparation.



SUITABLE SUBSTRATE & THEIR SUITABLE PREPARATION

MILD STEEL

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

SHOT BLASTED STEEL

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

GRP

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

ALUMINIUM

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

GALVANISED STEEL

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



SUGGESTED PRIMER / FILLER / SEALER SYSTEMS












- Polykote 2K AMC Primer
- Polykote 2K AMC4 Primer
- Polykote 2K MU Primer
- Polykote HS Rapidbuild 2K Primer
- Speedbuild 3 Primer



HEALTH AND SAFETY

- Refer to JD11/77 health and safety data sheet.
- Refer to SDS and tin label prior to use.
- RFU product contains isocyanates. Suitable air fed respiratory equipment should be worn when spraying.

APPLICATION METHODS

	PRESSURE POT		COMPLIANT SPRAY GUN				
	MIXING RATIO						
	Base	2	Base	2			
	Hardener	1	Hardener	1			
	Thinner	0.5	Thinner	0.5			
	HARDENER OPTIONS						
	Hardener 9004 Standard		Hardener 9004 Standard				
	Hardener 9027 Wintermix		Hardener 9027 Wintermix				
	THINNER OPTIONS						
	Thinner 2600		Thinner 2600				
	Thinner 2601		Thinner 2601				
	Thinner 2602		Thinner 2602				
	Thinner 2603		Thinner 2603				
	Thinner 2604		Thinner 2604				
	VISCOSITY						
	21-26	seconds B4 cup	21-26	seconds B4 cup			
	SPRAY GUN SETUP						
	1.1-1.4		1.6-1.8				
	NUMBER OF COATS (GUIDE ONLY)						
	1 medium + 1 full		1 medium + 1 full				
	DRYING TIME						
	Touch dry	30mins @20°C	Touch dry	30mins @20°C			
	Hard dry	6-8hrs@20°C	Hard dry	6-8hrs @20°C			
	Hard dry	30mins @70°C	Hard dry	30mins @70°C			
	Full dry	5-7 days	Full dry	5-7 days			
	RECOATABILITY / OVERCOATING						
	After through curing (8hrs@20C / 30mins@70C) denib with p500g dry. After baking allow to cool before flattening and recoating.						
	POT LIFE						
	1-2 hours @ 20°C		1-2 hours @ 20°C				
	WET FILM THICKNESS*						
	80 microns		80 microns				
	DRY FILM THICKNESS*						
	40 microns		40 microns				

* - HMG Technical Data Sheets indicate a Dry Film Thickness that will be achieved when applying a particular Wet Film Thickness. These values are a guide only and are not to be used as specifications. Film thickness will vary depending on actual use and specification. Great care should be taken to achieve the dft stated in the agreed specification and to avoid areas of excessively low or high thickness.

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.