

PRODUCT NAME

UB105 Acrythane 102

ORIGINALLY ISSUED

21/01/2021

PRODUCT CODE

VERSION

1.0

VERSION DATE

21/01/2021



PRODUCT DESCRIPTION

UB105 Acrythane 102 is a fast drying 2K Polyurethane finish offering very good adhesion to a wide range of substrates including metal, wood and certain plastics.



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)

0.520Kg/L



COLOUR RANGE

- Available in a wide colour range including RAL & BS shades



GENERAL INFORMATION

Coverage 17.5 square metres per litre @ 25 microns dft
Flashpoint 26°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 on our website for details on Surface Preparation.



HEALTH AND SAFETY

- 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



MIXING RATIO

	PRESSURE POT	COMPLIANT SPRAY GUN	BRUSH	ROLLER
Base	9	Base	9	Base
Hardener	1	Hardener	1	Hardener
Thinner	20%	Thinner	20%	



HARDENER OPTIONS

PRESSURE POT	COMPLIANT SPRAY GUN	BRUSH	ROLLER
Hardener 9004 Standard	Hardener 9004 Standard	Hardener 9004 Standard	Hardener 9004 Standard



THINNER OPTIONS

PRESSURE POT	COMPLIANT SPRAY GUN	BRUSH	ROLLER
Thinner 2601 Thinner 2602	Thinner 2601 Thinner 2602		



VISCOSITY

PRESSURE POT	COMPLIANT SPRAY GUN	BRUSH	ROLLER
20 - 25 seconds B4 cup	20 - 25 seconds B4 cup		



SPRAY GUN SETUP

PRESSURE POT	COMPLIANT SPRAY GUN	BRUSH	ROLLER
1.1 - 1.4	1.6 - 1.8		



NUMBER OF COATS (GUIDE ONLY)

PRESSURE POT	COMPLIANT SPRAY GUN	BRUSH	ROLLER
Depends on application	Depends on application		



FLASH OFF

PRESSURE POT	COMPLIANT SPRAY GUN	BRUSH	ROLLER
5-10 mins	5-10 mins		



DRYING TIME

	PRESSURE POT	COMPLIANT SPRAY GUN	BRUSH	ROLLER
Touch dry	10-20mins	Touch dry	10-20mins	Touch dry
Hard dry	2-3hrs	Hard dry	2-3hrs	Hard dry
Full dry	7days	Full dry	7days	Full dry
Force dry	30mins@70-90°C	Force dry	30mins@70-90°C	Force dry

**RECOATABILITY / OVERCOATING**

After through curing (3hrs@20C / 30mins@70C) denib with p500g dry. After baking allow to cool before flattening and recoating.

**POT LIFE**

4-8 hours depending on temperature	4-8hours depending on temperature		
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**DRY FILM THICKNESS***

25-50 microns	25-50 microns		
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* - 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.