



HMG Coatings (South) Ltd
 Faraday Park
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Tel: 01264 356296
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PRODUCT NAME

Synergy® Paints UB25

Technical Datasheet



PRODUCT DESCRIPTION

Synergy® Paints UB25 is a high solids 2K Acrylic Topcoat system. It offers outstanding properties including rapid drying, high gloss and simplicity of use. Synergy® Paints UB25 affords excellent protection against harsh weather conditions & atmospheric pollution.



MAXIMUM VOC CONTENT (RFU)

0.5kgs/ltr

REGULATIONS / COMPLIANCE

2004/42 IIB (E) 840



COLOUR RANGE

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



TECHNICAL INFORMATION

**FLASHPOINT
STORAGE**

23°C

12 months in original sealed containers



CLEANING

Ensure surfaces to be coated are dry and free from all traces of contaminants. Synergy® produce a full range of cleaners, silicone removers, degreasers and preparatory cleaners suitable for the cleaning process. Please refer to Preparatory Cleaner index.



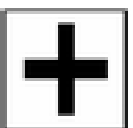
SURFACE PREPARATION

Please refer to Synergy® Technical Library for details on surface preparation.



SPECIAL PROPERTIES

Polykote 2K AMC Primer; Polykote 2K AMC4 Primer; 2K Washfiller; Polykote 2K MPS 4+1 Primer; Polykote HS Rapidbuild 2K Primer; Speedbuild 3 Primer; High Build CT Primer.



HEALTH AND SAFETY

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

Technical Data Sheets are also available on our website at www.hmgcoatings.co.uk

ALL MATERIALS SHOULD BE STIRRED AND CHECKED FOR COLOUR AND SHEEN BEFORE USE. NO CLAIMS FOR DISCREPANCY OF COLOUR OR GLOSS CAN BE ACCEPTED AFTER USE. INFORMATION CONTAINED ON THIS DATA SHEET IS TO THE BEST OF OUR KNOWLEDGE TRUE AND ACCURATE AND IS GIVEN IN GOOD FAITH, BUT WITHOUT WARRANTY, SINCE THE APPLICATION, USE AND PROCESSING OF THE PRODUCT IS BEYOND OUR CONTROL.



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APPLICATION METHOD

| | PRESSURE POT | COMPLIANT SPRAY GUN | AIRLESS/AIR-ASSISTED | |
|--|---|--|---|---|
| | MIXING RATIO 2:1 + with 9004 Hardener | Base 2 Hardener 1 Thinner 0.5 | Base 2 Hardener 1 Thinner 0.5 | Base 2 Hardener 1 Thinner up to 5% |
| | MIXING RATIO 4:1 + with 9002 Hardener | Base 4 Hardener 1 Thinner 0.5 | Base 4 Hardener 1 Thinner 0.5 | Base 4 Hardener 1 Thinner up to 10% |
| | THINNER OPTIONS | Thinner 2600- Ultra Fast Thinner 2601- Fast Thinner 2602 - Medium Thinner 2603 - Slow Thinner 2604 - Extra Slow | Thinner 2600- Ultra Fast Thinner 2601- Fast Thinner 2602 - Medium Thinner 2603 - Slow Thinner 2604 - Extra Slow | Thinner 2600- Ultra Fast Thinner 2601- Fast Thinner 2602 - Medium Thinner 2603 - Slow Thinner 2604 - Extra Slow |
| | VISCOSITY | 21-26 seconds DIN4 | 21-26 seconds DIN4 | 21-26 seconds DIN4 |
| | SPRAYGUN SETUP | 1.1-1.4 | 1.6-1.8 | 11-13 thou/40-50 |
| | NO. OF COATS (GUIDE ONLY) | 1 medium + 1 full | 1 medium + 1 full | 1 full |
| | DRYING TIME | Hard dry 30mins @70°C Hard dry 8hrs@20°C | Hard dry 30mins @70°C Hard dry 8hrs@20°C | Hard dry 30mins @70°C Hard dry 8hrs@20°C |
| | RECOATABILITY / OVERCOATING | After through curing (8hrs@20C / 30mins@70C) denib with p500g dry. After baking allow to cool before flatting and recoating. | | |
| | POT LIFE | 1-2 hrs@20°C | 1-2 hrs@20°C | 1-2 hrs@20°C |
| | WET FILM THICKNESS | 80 microns | 80 microns | 80 microns |
| | DRY FILM THICKNESS | 40 microns | 40 microns | 40 microns |

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.