



HMG Coatings (South) Ltd
 Faraday Park
 West Portway Ind Est
 Andover
 Hants
 SP10 3SA
Tel: 01264 356296
Fax: 01264 338123

PRODUCT NAME

SYNERGY® TURBOTHANE

TECHNICAL DATASHEET

PRODUCT DESCRIPTION

Synergy® Turbothane is a fast drying 2K Polyurethane finish offering very good adhesion to a wide range of substances including metal, wood and certain plastics.

MAXIMUM VOC CONTENT (RFU)

0.520kgs/ltr

COLOUR RANGE

Available in a wide colour range including RAL & BS shades

PACKAGING

Available in 5 lts.

TECHNICAL INFORMATION

COVERAGE	17.5 sqm/ltr @ 25 microns dft
FLASHPOINT	13°C
STORAGE	12 months 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.

SURFACE PREPARATION

Please ask a member of our technical team for details on surface preparation.

HEALTH AND SAFETY

Refer to MSDS and tin label prior to use.
 RFU product contains isocyanates. Suitable for air fed respiratory equipment should be worn when spraying.
 Refer to this product's health and safety data sheet before use. If you need to obtain a copy, telephone us on: 01264 356296.

Continued Overleaf



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APPLICATION METHODS

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MIXING RATIO

BASE	5	BASE	5				
HARDENER	1	HARDENER	1				
THINNER	20%	THINNER	20%				

HARDENER OPTIONS

Hardener 9004 Standard	Hardener 9004 Standard		
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THINNER OPTIONS

Thinner 2601 Thinner 2602	Thinner 2601 Thinner 2602		
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VISCOSITY

20-25 seconds B4 cup	20-25 seconds B4 cup		
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SPRAY GUN SETUP

1.1 - 1.4	1.6 - 1.8		
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NUMBER OF COATS (GUIDE ONLY)

Depends on Application	Depends on Application		
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FLASH OFF

5-10 mins	5-10 mins		
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DRYING TIME

Touch Dry	10-20mins	Touch Dry	10-20mins		
Hard Dry	2-3hrs	Hard Dry	2-3hrs		
Full Dry	7 days	Full Dry	7 days		
Force Dry	30mins@70-90 °C	Force Dry	30mins@70-90 °C		

RECOATABILITY / OVERCOATING

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

POT LIFE

4-8 hours depending on temperature	4-8 hours 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.



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NOTES

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.

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.