

PRODUCT NAME	Monothane 2K Topcoat
ISSUE DATE	25/3/2011
PRODUCT CODE	TOPMONOCOL



PRODUCT DESCRIPTION

Monothane is a 2K Polyurethane Finish. Designed for use without the need for a Primer. Provides excellent corrosion resistance. Good gloss level and excellent durability. It can be used on mild steel, shot blasted steel and also has excellent adhesion to a wide range of plastics without the need for a plastic primer.



TECHNICAL PROPERTIES

WEIGHT SOLIDS: 56-70% depending on colour and gloss.
GLOSS: 80 and 45% sheens are available.



CURING SCHEDULE

FORCE DRY: 20-30mins@70-80°C



MAXIMUM VOC CONTENT (RFU)

0.504 with 9004 and <0.420 with 9039kgs/ltr



COLOUR RANGE

Available in a wide colour range including RAL & BS shades



PACKAGING

Various pack sizes available.



TECHNICAL INFORMATION

COVERAGE 17-22sqm/ltr@25mic DFT depending on colour and gloss.
FLASHPOINT 24°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.

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



SURFACE PREPARATION

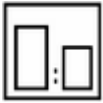
Please refer to Knowledge Base on our website for details on Surface Preparation.



HEALTH AND SAFETY

Refer to Health & Safety Data Sheet prior to use.

APPLICATION METHODS



COMPLIANT SPRAY GUN		AIRLESS/AIR-ASSISTED		COMPLIANT SPRAY GUN		AIRLESS/AIR-ASSISTED	
MIXING RATIO							
Base	2	Base	2	Base	3	Base	3
Hardener	1	Hardener	1	Hardener	1	Hardener	1
Thinner	10-15% by volume mixed colour	Thinner	10-15% by volume mixed colour	Thinner	10-15% by volume mixed colour HS OPTION	Thinner	10-15% by volume mixed colour HS OPTION



HARDENER OPTIONS			
Hardener 9004 Standard	Hardener 9004 Standard	Hardener 9039	Hardener 9039



THINNER OPTIONS			
Thinner 2601	Thinner 2601	Thinner 2601	Thinner 2601
Thinner 2602	Thinner 2602	Thinner 2602	Thinner 2602
Thinner 2603	Thinner 2603	Thinner 2603	Thinner 2603
Thinner 2604	Thinner 2604	Thinner 2604	Thinner 2604



NUMBER OF COATS (GUIDE ONLY)			
1-2 coats	1-2 coats (2nd coat optional)	1-2 coats	1-2 coats (2nd coat optional)



FLASH OFF			
10 mins between coats before baking	10 mins between coats before baking	10 mins between coats before baking	10 mins between coats before baking



DRYING TIME			
Touch dry	1hr	Touch dry	1hr
Full dry	Overnight	Full dry	Overnight



POT LIFE			
1hr to double viscosity depending on temp.	1hr to double viscosity depending on temp.	1hr to double viscosity depending on temp.	1hr to double viscosity depending on temp.



DRY FILM THICKNESS			
25-100microns 1-2 coats	25-100microns 1 coat	25-100microns 1-2 coats	25-100microns 1 coat

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.