



PRODUCT NAME

Clear Coat

ORIGINALLY ISSUED

27/09/2006

PRODUCT CODE

CLEARCOAT

VERSION

3.0

VERSION DATE

05/06/2024



PRODUCT DESCRIPTION

A high build, high solids Polyurethane based on a unique blend of Polyurethane Alkyds. It combines a long wet edge time with excellent hot spray application offering superb durability and gloss retention. Clear Coat may also be brushed directly from the can or with the addition of a small amount of Thinner.



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. Paintman Paint 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 Paintman Technical Service Department on 01777 710100



SPECIAL PROPERTIES

- Properties can be enhanced by the addition of Hardener 9029 (ZIP). Use 10 parts Base to 1 part Hardener.



MAXIMUM VOC CONTENT (RFU)

0.416Kg/L

REGULATIONS / COMPLIANCE

- 2004/42 IIB (D) 420



COLOUR RANGE

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



GENERAL INFORMATION

Solids By Volume	50.00%
Coverage	10 square metres per litre @ 55 microns dft
Flashpoint	> 30°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



ADDITIONAL TECHNICAL INFORMATION

For hot spray application, heat to a maximum of 70°C.



CLEANING

Ensure surfaces to be coated are dry and must be cleaned using the appropriate Paintman Paint product to remove all traces of contaminants. Paintman 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 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 Prep Clean Abrade with P80-P180 if necessary before applying

Primer SHOT BLASTED STEEL

Remove all traces of blast grit/sand before applying Primer

GRP

Abrade with P180-P320

Degrease using suitable Prep Clean before applying Primer

ALUMINIUM

Abrade with P180-P320

Degrease with suitable Prep Clean. Coat with appropriate Etch Primer, and if required Primer


GALVANISED STEEL

Degrease with suitable Prep Clean. Apply Mordant Wash. Coat with appropriate Etch Primer, and if required Primer













SUGGESTED PRIMER / FILLER / SEALER SYSTEMS

- Synthetic Primer
- Synthetic High Opacity Undercoat



HEALTH AND SAFETY

- Refer to SDS and tin label prior to use.
- Suitable respiratory equipment should be worn when spraying.
- Contaminated Rags, Spray Booth Filters or other substrates should be segregated from other chemical waste, soaked with Water and disposed of in a non-combustible container with a tight fitting Lid.

APPLICATION METHODS							
CONVENTIONAL SPRAY GUN		PRESSURE POT		AIRLESS/AIR-ASSISTED		HOT SPRAY	
MIXING RATIO							
Base Thinner	5 up to 1	Base Thinner	5 up to 1	Base Thinner	5 up to 0.5	RFU	
THINNER OPTIONS							
Thinner 2611 Thinner 2612		Thinner 2611 Thinner 2612		Thinner 2611 Thinner 2612			
VISCOSITY							
30-35	seconds B4 cup	30-35	seconds B4 cup	35-45	seconds B4 cup	25-30	seconds B4 cup
SPRAY GUN SETUP							
1.6-1.8		1.2-1.4		11-13 thou 40/50°		1.6-1.8	
NUMBER OF COATS (GUIDE ONLY)							
1 light + 1 full		1 light + 1 full		1 full coat		1 full coat	
FLASH OFF							
20 mins between coats		20 mins between coats					
DRYING TIME							
Touch dry	2hrs @ 20°C	Touch dry	2hrs @ 20°C	Touch dry	2hrs @ 20°C	Touch dry	2hrs @ 20°C
Hard dry	8hrs @ 20°C	Hard dry	8hrs @ 20°C	Hard dry	8hrs @ 20°C	Hard dry	8hrs @ 20°C
RECOATABILITY / OVERCOATING							
Min 24 hrs depending on build & temp. Surface should be de-nibbed prior to overcoating.							
WET FILM THICKNESS*							
100 microns		100 microns		100 microns		100 microns	
DRY FILM THICKNESS*							
55 microns		55 microns		55 microns		65 microns	
<small>* - 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.</small>							

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 it's 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.