

PRODUCT NAME

Nisocoat 2

ORIGINALLY ISSUED

10/11/2010

VERSION

1.0

PRODUCT CODE

TOPNIS24

VERSION DATE

10/11/2010



PRODUCT DESCRIPTION

A 2K Non-Isocyanate Acrylic product formulated to provide a tough, chemically resistant, high quality coating.

4 Standard Gloss levels are available:

Gloss: 90%

Semi-Gloss: 60%

Semi-Matt: 20%

Matt: 10%



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



SPECIAL PROPERTIES

- When used as a Coloured Gloss, the mixing ratio is 2:1:<0.75 Compliant spray /Pressure Pot
- When used as a Coloured Sheen, the mixing ratio is 4:1:1.5 Compliant Spray/ Pressure Pot
- When used as a Coloured Gloss, the mixing ratio is 2:1: less than 0.5 Air assisted/Airless.
- When used as a Coloured Sheen, the mixing ratio is 4:1: less than 0.5 Air assisted/Airless
- When used as a Clear gloss, the mixing ratio is 3:2:1.5 Compliant spray/Pressure Pot
- When used as a Clear reduced gloss, the mixing ratio is 3:1:1.5 Compliant spray/Pressure Pot
- When used as a Clear gloss, the mixing ratio is 3:2: less than 0.5 Air assisted/Airless
- When used as a Clear reduced gloss, the mixing ratio is 3:1: less than 0.5 Air assisted/Airless



MAXIMUM VOC CONTENT (RFU)

0.565Kg/L



COLOUR RANGE

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



GENERAL INFORMATION

Specific Gravity 1.23
Coverage 15 square metres per litre @ 30microns assuming 100% transfer efficiency
Flashpoint 24°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 for details on Surface Preparation.



SUGGESTED PRIMER / FILLER / SEALER SYSTEMS

- Speedbuild 3 Primer
- EpiPrime
- ST3000 LF 63 Chromate Free 2K Etch Primer



ADDITIONAL INFORMATION

ST3000 LF 63 Chromate Free 2K Etch Primer is suitable for use with Nisocoat 2 on Aluminium/Alloy substrates, only in conjunction with a suitable Zinc Phosphate primer. ST3000 alone is not recommended.



HEALTH AND SAFETY

- Refer to SDS and tin label prior to use.
- Suitable respiratory equipment should be worn when spraying.

APPLICATION METHODS












CONVENTIONAL SPRAY GUN

PRESSURE POT



MIXING RATIO

	CONVENTIONAL SPRAY GUN	PRESSURE POT			
Base	2	Base	2	Base	
Hardener	1	Hardener	1	Hardener	
Thinner	<0.75	Thinner	<0.75	Thinner	

	HARDENER OPTIONS							
	Hardener 9061		Hardener 9061					
	THINNER OPTIONS							
	Thinner 2691 Thinner 2602 Thinner 2711		Thinner 2691 Thinner 2602 Thinner 2711					
	VISCOSITY							
	25-30	seconds B4 cup	25-30	seconds B4 cup				
	SPRAY GUN SETUP							
	1.4mm - 1.8mm		1.0mm - 1.4mm					
	NUMBER OF COATS (GUIDE ONLY)							
	1-2 full coats		1-2 full coats					
	FLASH OFF							
	10-15 mins between coats		10-15 mins between coats					
	DRYING TIME							
	Touch dry	15 mins @ 20°C	Touch dry	15 mins @ 20°C				
	Hard dry	4 hours @ 20°C	Hard dry	4 hours @ 20°C				
	Full dry	7 days @ 20°C	Full dry	7 days @ 20°C				
	Full dry	30 mins @ 80°C	Full dry	30 mins @ 80°C				
	RECOATABILITY / OVERCOATING							
	Can be overcoated wet on wet. After 7 days must be flatted.							
	POT LIFE							
	8hrs @ 20°C		8hrs @ 20°C					
	WET FILM THICKNESS*							
	70-80 microns		70-80 microns					
	DRY FILM THICKNESS*							
	25-35 microns		25-35 microns					

* - 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.