



HMG Paints Ltd
One name that covers everything

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PRODUCT NAME**Epilife 2**

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PRODUCT CODE BASEPI

**PRODUCT DESCRIPTION**

A 2K Epoxy finish that has excellent application properties. It also has excellent chemical resistance particularly to Skydrol. Typical applications include structural steelwork, chemical plant, sewage plant etc.

**IMPORTANT INSTRUCTIONS BEFORE USE**

- Read and follow MSDS, 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

**TECHNICAL PROPERTIES**

Mixed weight solids:- 47% plus or minus 2%
Mixed volume solids:- 40% plus or minus 2%

**CHEMICAL RESISTANCE**

Fluid resistance:-
Skydrol - No affect on coating after 3hrs immersion.
Engine oil (1hr@60°C) - No affect on coating.
Gear oil (1hr@25°C) - No affect on coating.
Hydraulic oil (1hr@25°C) - No affect on coating.
Diesel (1hr@25°C) - No affect on coating.
Water (7 days@25°C) - No affect on coating.
Amine (24hrs@25°C) - No affect on coating.
QUV 250hrs - No chalking or loss of gloss. Slight yellowing.

**MAXIMUM VOC CONTENT (RFU)**

0.543kgs/ltr

**COLOUR RANGE**

Available in a wide colour range including RAL & BS shades

**GENERAL INFORMATION**

SPECIFIC GRAVITY	1.025 plus or minus 0.003
COVERAGE	8-12 Square metres per litre.
FLASHPOINT	24°C
TEMP	180 for short periods°C
RESISTANCE	Store between 5°C - 25°C. When not in use, cans must be kept
STORAGE	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 on our website for details on Surface Preparation.



SUGGESTED PRIMER / FILLER / SEALER SYSTEMS
 EpiPrime
 Epoxy Primer EP2
 Epoxy Primer EP3S
 Epoxy Primer EP4



HEALTH AND SAFETY
 Refer to Health & Safety Data Sheet prior to use.
 Suitable respiratory equipment should be worn when spraying.

		APPLICATION METHODS				
		COMPLIANT SPRAY GUN		PRESSURE POT		
	MIXING RATIO					
	Base	1	Base	1		
	Hardener	1	Hardener	1		
	Thinner	up to 10%	Thinner	up to 10%		
	HARDENER OPTIONS					
	Hardener 9070 (gloss)			Hardener 9070 (gloss)		
	Hardener 9106 (semi gloss)			Hardener 9106 (semi gloss)		
	Hardener 9107 (semi matt)			Hardener 9107 (semi matt)		
	Hardener 9108 (matt)			Hardener 9108 (matt)		
	THINNER OPTIONS					
	Thinner 2691			Thinner 2691		
	DRYING TIME					
	Touch dry	1-2hrs	Touch dry	1-2hrs		
	Hard dry	16-24hrs	Hard dry	16-24hrs		
	Full dry	3-7days Depending on temperature	Full dry	3-7days Depending on temperature		
	POT LIFE					
	6 hrs @ 20°C			6 hrs @ 20°C		
	WET FILM THICKNESS*					
	88-125 microns			88-125 microns		
	DRY FILM THICKNESS*					
	35-50 microns			35-50 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.