

PRODUCT NAME

Paint Finishing Epoxy 2K Black Coating Kit DEF STAN 80-161 NSN8010994244178

ORIGINALLY ISSUED

13/12/2017

VERSION

1.0

PRODUCT CODE

DEF0102003

VERSION DATE

13/12/2017



PRODUCT DESCRIPTION

A 2K Epoxy finish to DEF STAN 80-161 that has excellent application properties. It also has excellent chemical resistance particularly to Skydrol. Typical applications include structural steelwork, chemical plant, sewage plant etc.

To be used as part of a kit.



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



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)

0.543g/ltrKg/L



COLOUR RANGE

- Black.



GENERAL INFORMATION

Specific Gravity 1.025 plus or minus 0.003
Coverage 8-12 Square metres per litre.
Temp Resistance 180 for short periods°C
Storage Store between 5°C - 25°C. When not in use, cans must be kept sealed
Shelf Life 18 months from delivery date in original sealed containers



ADDITIONAL TECHNICAL INFORMATION

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



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.



HEALTH AND SAFETY

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

APPLICATION METHODS



MIXING RATIO

| COMPLIANT SPRAY GUN | | PRESSURE POT | | | | | |
|---------------------|-----------|--------------|-----------|--|--|--|--|
| Base | 1 | Base | 1 | | | | |
| Hardener | 1 | Hardener | 1 | | | | |
| Thinner | up to 10% | Thinner | up to 10% | | | | |



HARDENER OPTIONS

| | | | | | |
|---------------|---------------|--|--|--|--|
| Hardener 9070 | Hardener 9070 | | | | |
|---------------|---------------|--|--|--|--|




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 | Full dry | 3-7days | | | | |

| | | | |
|--|----------------------------|----------------|--|
|  | 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 | |
| <p><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></p> | | | |

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.