



**Paints Limited**

[www.kenyonpaints.co.uk](http://www.kenyonpaints.co.uk)

---

**FOR SALES & TECHNICAL SUPPORT**

Call **0161 665 4470** Fax **0161 627 5072**

Email [sales@kenyonpaints.co.uk](mailto:sales@kenyonpaints.co.uk)

Kenyon Paints Limited Regent Street Oldham OL1 3TZ

---

## PRODUCT INFORMATION

|   |   |   |
|---|---|---|
| <b>Product Name</b>   | : | <b>Epidac 2 EC/MIO Undercoat/Finish<br/>Item 121</b>  |
| <b>Reference Number</b>   | : | 90-270  |
| <b>Coating Type</b>   | : | High solids epoxy with 80% MIO pigmentation. <b>Compliant to Environmental Protection Act (1990) Clause 20(d), Guidance Note PG6/23 (97) for use as primer or finish.</b> |
| <b>Typical Uses</b>   | : | Long-term protection of galvanising fabrications.   |
| <b>Colours Available</b>  | : | Grey (approximately BS:4800 00-A-09).   |
| <b>Appearance of Dried Film</b>   | : | Low sheen specular finish.  |
| <b>Volume Solids</b>  | : | 70%.  |
| <b>V.O.C.</b>   | : | 235gms per litre.   |
| <b>Dry Film Thickness</b>   | : | <b>Typical</b> : 100 microns<br><b>Range</b> : 75-125 microns   |
| <b>Theoretical Coverage</b>   | : | 7m <sup>2</sup> per litre at 100 microns dry film thickness.  |
| <b>Drying Time at 20°C</b><br><i>(will vary with temperature, air movement, etc.)</i> | : | <b>Touch Dry</b> : 3 hours<br><b>Firm Dry</b> : 6 hours<br><b>Overcoat</b> : 8 hours with epoxy or polyurethane finishes  |
| <b>Packaging</b>  | : | 5 litre composite pack.   |
| <b>Shelf Life / Storage</b>   | : | 2 years or longer in unopened containers when stored under cover in good storage conditions within a temperature range of 5°C to 32°C.                                    |
| <b>Pot Life (at 20°C)</b>   | : | 5 hours.  |
| <b>Mixing Ratio</b>   | : | 4 parts base to 1 part activator.   |

Data sheets are issued to supply **general information** on the product but without warranty. Since conditions of service and application are beyond our control we cannot accept claims for loss, damage etc., based on this information. Dacrylate will not accept any claim for consequential or incidental damages.

- Surface Preparation** : Normally applied direct to ‘weathered’ galvanising or new galvanised steel pre-treated with ‘T’ Wash, Ref.: 150-23.
- Application Conditions** : **Humidity** – Do not apply at relative humidity’s above 90%. Substrate temperature must be at least 3°C above dew point.

**Temperature** – Do not apply at temperatures below 10°C.

**Note** : Epidac 2 EC/MIO will **cure** at temperatures down to 10°C, however at temperatures below 15°C, the base and hardener will thicken considerably and affect application characteristics. At low ambient temperatures we would advise that base and hardener are warmed separately to 20°C before use to ensure optimum application properties.

**Effectives of Temperatures on Drying/Overcoating Times**

|                   |                    | 5°C | 10°C     | 20°C    | 30°C      |
|-------------------|--------------------|-----|----------|---------|-----------|
| Overcoating Times | <b>Surface Dry</b> | N/A | 6 hours  | 3 hours | 1.5 hours |
|                   | <b>Hard Dry</b>    | N/A | 12 hours | 6 hours | 3 hours   |
|                   | <b>Minimum</b>     | N/A | 16 hours | 8 hours | 4 hours   |
|                   | <b>Maximum</b>     | N/A | ---      | ---     | ---       |

with epoxy or polyurethane

- Mixing** : Due to the high solids content of this product, it is **essential** to use a power stirrer for mixing prior to application. The addition of the curing agent at the commencement of the mixing process will considerably ease this operation.

- Application** : Apply by brush or airless spray. (A wet film thickness of 145 microns will give a dry film thickness of 100 microns.)

**Airless Spray** Tip size: 15 thou (0.38mm)  
Tip pressure: Not less than 2000psi (135 bar)

**Brush** – Apply to the specified wet film thickness using a ‘full’ brush. Do not ‘brush-out’ or ‘lay-off’.

- Clean-up** : Dacrylate Thinner R5.

- Health and Safety** : Please see relevant MSDS sheet.

Data sheets are issued to supply **general information** on the product but without warranty. Since conditions of service and application are beyond our control we cannot accept claims for loss, damage etc., based on this information. Dacrylate will not accept any claim for consequential or incidental damages.