

## PLASMET

## Plasmet UWP

Product reference: 5/83

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Product title: Plasmet UWP

Valid from: 11th July 2008

Last reviewed: July 2019

### Type

An epoxy glassflake putty, intended for application and cure underwater either on it's own or as part of an underwater system.

### Suggested use

Plasmet UWP is designed for use either as a standalone coating or as a lining system with Plasmet UWL and Plasmet UWT. It will provide cost effective, durable protection to submerged surfaces. The system is tolerant of water and will cure whilst immersed. It may be used for structural steel, pilings, jetties, and other immersed structures.

### Limitations

Immersed Temperature limit is 45°C.

### Health & safety

Before handling or using this product the material safety data sheet should be read and all precautions observed.

### Surface preparation

**Metals:** Corrocoat UWP is generally applied over mechanically prepared or water-blasted surfaces.

### Application

Corrocoat UWP may be applied by trowel or divers glove in a single coat.

### Pot life

Generally 80-90 minutes at 20°C. Pot life will vary significantly with temperature.

### Thinners

The performance of this product will be adversely affected by the use of solvent-based thinners. Under normal application

conditions it is not anticipated that any thinners will be required with this product.

### Packaging

5 litre composite kits.

### Catalyst / hardener type

Polyamidoamine (Plasmet UWP Activator)

### Storage life

2 years minimum in unopened tins, stored at 5°C-40°C .

### Colour availability

Dark Grey.

The Base (white) and Hardener (black) should be mixed until a uniform grey colour is achieved.

**NOTE:** This product is formulated to give optimum corrosion resistance. Due to the nature of the polymerisation process on this product and the speed of immersion it is not possible to guarantee colour matching or colour stability. Some whitening of the surface may occur during the curing process.

### Recommended DFT

As required, may be applied in single coats up to 5mm for localised repairs.

cont.

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### Practical coverage rate

Approximately 0.4 m<sup>2</sup>/litres at 2 mm DFT.

**NOTE:** This information is given in good faith but consumption may increase dependent upon the environmental conditions, geometry, nature of work undertaken and the skill and care of application. Corrocoat accept no responsibility for any deviation from these values.

### Density

Base: 1.22 g/cm<sup>3</sup> Hardener: 1.19 g/cm<sup>3</sup>

### Adhesion

>11MPa (Wet Adhesion)

### Cathodic disbondment

Excellent 0-1mm

### Salt spray

>1000 hours

### Mixing ratio

2:1 parts Base to Hardener by weight / weight.

### Overcoating

Can be overcoated with UWL after 24hrs.

### Cleaning solvent

For best results use Corrocoat epoxy equipment cleaner.

Revised 11/2010  
Reviewed 02/2014 (No changes)  
Reviewed 05/2016 (No changes)  
Revised 05/2018  
Revised 07/2018  
Revised 07/2019

All values are approximate. Physical data is based on the product being in good condition before polymerisation, correctly catalysed and full cure being attained. Unless otherwise stated, physical data is based on a test temperature of 20°C, test results may vary with temperature. Information regarding application of the product is available in the Corrocoat manual. Should further information be required, please consult Corrocoat Technical Services.