TYPE: **An epoxy glassflake putty, intended for application and cure underwater.**

SUGGESTED USE: Plasmet UWP will provide cost effective, durable protection to submerged surfaces. Plasmet UWP is tolerant of water and will cure whilst immersed. Plasmet UWP may be used for structural steel, pilings, jetties, and other immersed structures.

LIMITATIONS: Temperature limit for the substrate is 60ºC.

HEALTH AND 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.

(For best results the coating should be allowed a 20 – 30 minutes dwell time in the mixing pot before it is taken underwater to be applied).

POT LIFE: Generally 60 –70 minutes at 20ºC. 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: 10 and 20 litre composite kits. (Other sizes may be available upon request).

CATALYST/ HARDENER TYPE: Modified Amine Adduct (Plasmet UWP Activator)

STORAGE LIFE: Base and Hardener: 12 months in unopened tins, store away from heat sources and direct sunlight.

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.

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RECOMMENDED DFT: As required, may be applied in single coats up to 10mm for localised repairs.

PRACTICAL COVERAGE RATE: Approximately 0.4 m^2 /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: 1.44 g/cm^3 Hardener: 1.06 g/cm^3

ADHESION: >100 kg cm^{-2} (blasted surface, cohesive failure).

ABRASION RESISTANCE: 131 mg (Tabor abrasion, H18 wheel, 1000 cycles, 1kg weight).

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

OVERCOATING: Not normally recommended, single coats recommended where possible.

CLEANING SOLVENT: For best results use Corrocoat Epoxy Equipment Cleaner

All values are approximate. Physical data is based on the product being in good condition before polymerisation, correctly catalysed and full cure being attained. Information regarding application of the product is available in the Corrocoat manual. Should further information be required, please consult Corrocoat Technical Services.

Revised 11/2010
Reviewed 02/2014 (No change)
Reviewed 05/2016 (No change)