

PLASMET

Plasmet ZX

Product reference: 5/20

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Product title: [Plasmet ZX](#)

Valid from: [17th October 1997](#)

Last reviewed: [May 2019](#)

Type

A brush applied, polyamine cured, two-pack epoxy top coat with good gloss and chemical resistance.

Suggested use

A top coat suitable for overcoating ZF and other epoxy based primers where decorative appearance and chemical resistance are of importance and mainly for use in atmospheric conditions.

Limitations

Not suitable for immersion conditions above 50°C. Not resistant to polar solvents.

Health & safety

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

Application equipment

Brushes.

Application

ZX should be applied thinly enough to avoid runs or sags in the coating and at a wet film thickness of approximately 150 microns. Minimum application temperature is 5°C and the surface temperature should be at least 3°C above dew point.

Mixing ratio / mixing

2.5:1 Base to activator by weight. Pour all of component 'A' into component 'B' and mix thoroughly. The material is now ready for use and should be applied as soon as possible.

Pot life

50 minutes at 20°C.

Thinners

Thinning this product is not recommended.

Overcoating

Overcoating ZX is not recommended. Where this is necessary, ZX can be overcoated with itself strictly between 5 to 9 hours at 20°C after the application of the previous coat, at 5°C times should be extended by 2 hours, at 30°C times should be shortened by 4 hours.

Packaging

1 litre, 5 litre and 10 litre composite kits.

Storage life

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

Colour availability

White, Yellow, Green, Blue, Red, Grey, Black

Recommended DFT

100 microns

Volume solids

90%

Theoretical spreading rate

6m² per litre

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Practical spreading rate

5.5m² per litre

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

Specific gravity

Base and activator mixed 1.1 gms/cc

Flash point

25°C

Activator type

Polyamine

Mixing ratio

2.5 : 1 base to activator by weight.

Chemical resistance

Good.

Cure time

Tack free: Approximately 8 hours at 20°C

Full cure:

2-3 days at 20°C. Will vary significantly with temperature.

Cleaning solvent Acetone, Methyl Ethyl Ketone, Xylene and 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. 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.

Reviewed 10/2001 (No changes) Reviewed 02/2014 (No changes)

Revised October 2017

Revised May 2019