

## AT 2K Graphene Epoxy Primer

A unique Graphene enhanced two pack epoxy primer designed for superior corrosion protection to ferrous substrates, dries to a semi-gloss finish. Has excellent surface properties allowing for maximum adhesion of a wide variety of topcoat systems. A high solid, high opacity, medium build product, allows for single coat application in most circumstances. Typically applied to shot-blasted steel, skips, fabrications, plant, and machinery.

### Benefits

- ✓ Addition of Graphene for anti-corrosion protection
- ✓ Excellent adhesion properties
- ✓ Suitable basecoat for two pack acrylics
- ✓ High abrasion/corrosion resistance
- ✓ High solids content

### Composition

A two pack epoxy system containing anticorrosive additives for enhanced corrosion performance.

### Technical Data

Feature:	Result:
Colour:	Mid grey
Solids Solids by Weight:	65-70%
Solids by Volume:	55-60%
VOC:	400-450 grams per litre
Theoretical Coverage:	Approx. 8-10 m <sup>2</sup> /L at 100 micron wet film thickness
Typical Wet Film Thickness:	100 micron
Typical Dry Film Thickness:	65-70 micron
Flash Point:	22-32°C
Touch Dry Time:	1 hour (at 18°C)
Dry to Handle Time:	4 hours
Full Cure:	7 days
Overcoating:	After 24 hours (at 18°C)

### Substrate & Preparation

We recommend that all paint be applied to clean, prepared surfaces to ensure optimum results. The substrate MUST be dry and free from dust, grease, and rust. Failure to adhere to these instructions will compromise product performance. Ideal for all ferrous metals can also be used on aluminium provided the surface is oxide free.



## Application

Prior to use paint should be stirred thoroughly to produce a consistent homogenous liquid. The ideal spraying temperature is above 8°C with the substrate surface temperature 3°C above the dew point. Relative humidity should be below 90%, drying times will be extended in cold, damp conditions. Prior to use, paint should be stirred thoroughly to produce a consistent homogenous liquid. Mix thoroughly with an activator (Part B) provided prior to use, allow to stand for 5 minutes. Once mixed the product becomes active and should be used within 2 hours. DO NOT use after this period has elapsed.

## Airless Spray

Dispose of equipment after use. All surplus product should be disposed of in accordance with appropriate regulations and/or legislation.

## Conventional Spray

This product can be thinned to suit requirements for equipment and application, we recommend no more than 10%. Can be sprayed at 40-50 PSI, this may differ for low pressure, high volume equipment.

**Brush/Roller:** This product can be used as supplied.

## Thinners

For thinning and cleaning tools/equipment please use Virgin Xylene.

## Packaging

Supplied in 2.5 litre tins.

## Storage

The shelf life of this product is approximately 1 year from date of manufacture in unopened containers. Always stir well before use and store in cool, dry conditions. Protect from extremes of temperature.

*No responsibility can be taken by the manufacturers where conditions of use are beyond our control. All products should be used in accordance with the manufacturer's instructions. For further information please refer to the application guide and Material Safety Data Sheet. This information and guidance is given in good faith and without prejudice and liability, Technical and Safety Data must be observed. All coverages are given as a guide only, as volumes will vary with profile, porosity and method of application. Loss factors should also be taken into account.*

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Alltimes Coatings Ltd.  
Unit 17A, Nailsworth Mills Estate,  
Nailsworth, Gloucestershire,  
GL6 0BS. UK

T: 01453 872 850  
E: [info@alltimescoatings.co.uk](mailto:info@alltimescoatings.co.uk)  
W: [www.alltimescoatings.co.uk](http://www.alltimescoatings.co.uk)