

# Technical Data

## Pro-Fast Two Pack Epoxy Roadline

<b>Product Description</b>	101:302 is a relatively low odour two-component polyamide-cured epoxy resin based road and line marking paint that cures to give a tough, hard-wearing chemical, fuel and abrasion resistant film.
<b>Intended Uses</b>	101:302 is designed to be compatible with most of the surfaces that require line-marking paints to be applied. These include roads, car parks (concrete or tarmac/weathered blacktop), airfield runways etc. Typical other uses are brick, paving and factory floor demarcations.

### Technical Information

<b>Colour</b>	White, Yellow, Black and a limited colour range are available, subject to commercially viable order quantities. Some colours may contain lead-chromate pigments. If lead-free pigmentation is required, please state this when ordering.
<b>Gloss Level</b>	Sheen.
<b>Permanent Volume Solids</b>	Nominally 55%, varying slightly with colour.
<b>Solids by Weight</b>	Nominally 65%, varying slightly with colour.
<b>Recommended Dry Film Thickness</b>	Depends on environment and traffic density but a minimum of 150 microns is recommended.
<b>Theoretical Coverage</b>	
<b>Method of Application</b>	Lining machine, airless spray (tip size 13 thou), conventional spray, brush for small areas or lines.
<b>Drying Time</b>	Touch Dry ..... 1 hour. Handle ..... 6 hours. Full Cure ..... 7 - 10 days dependent on temperature. Drying times are quoted at 20° C and will vary with actual conditions such as: film thickness, air movement, temperature and humidity.
<b>Shelf Life</b>	12 months in original unopened containers, when stored under cover within the temperature range 5°C - 35°C. Mix thoroughly before use.
<b>Packaging</b>	The two components are supplied in proportion to make 4 litres and 20 litres of mixed product.
<b>Health &amp; Safety</b>	Familiarise yourself with MSDS Reference before using this product. If you need to obtain a copy, telephone us on 01462 421 333

### Application

<b>Surface Preparation</b>	The application surface should be dry and free from dust, oily residues and any other contaminants that might affect adhesion or performance.  It is recommended that asphalt and other similar surfaces be allowed to through harden for up to 6 months before painting. Test trials should be
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carried out in the first instance on a small area.

**Application conditions** In the case of synthetic surfaces (such as 'all-weather' sports pitches), existing line marking paint and other areas where appearance or performance is important, it is further recommended that test areas be coated to ensure good adhesion and/or compatibility with the substrate/previously applied coatings.

Do not apply or dry when either the air or surface temperature is below 10°C or when there is mist, fog, high humidity, snow, when rain is imminent, or when the surface to be painted is wet with condensation or when condensation may occur during the drying period.

The surface temperature must always be a minimum of 3°C above dew point. Preparation, painting and drying should never be undertaken when the air temperature falls below the minimum temperature for the coating.

**Mixing Ratio** 3 Base to 1 Activator (101:302:8888) by volume. Allow to stand for 15 - 20 minutes when mixed before applying.

**Pot Life** Up to a maximum of 16 hours in closed containers, dependent on the ambient temperature.

**Overcoating** 4 - 12 hours or after overnight drying.  
CAUTION The thicker the coating the longer the drying and curing cycle will take.

## Thinning and Cleaning

**Thinning** This product is supplied ready to use and need not be thinned except for conventional spray application, in which case 2 Pack Epoxy Thinners 005:000:9999 should be used as appropriate.

**Cleaning Equipment** Clean all equipment immediately using 2 Pack Epoxy Thinners 005:000:9999 or Gunwash (010:000:9999). Ensure all lines, tips, etc are thoroughly flushed out. It is not sufficient to leave equipment filled up with solvent.

**Cleaning surfaces** 101:302 can be cleaned with water, mild detergent or degreaser. Floor coatings should not be scrubbed or subjected to steam cleaning or hot water above 60°C.

The foregoing information is given in good faith on the basis of practical experience and extensive laboratory tests. Quoted figures are either theoretical values or typical of production batches. However, as we have no control over the conditions of application or the quality and standard of preparation of the substrate and the many other factors affecting the use and application of the product, the customer must determine the suitability of the delivered product for the intended application. Therefore unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of this product or for any loss or damage arising out of the use of the product, or its use in conjunction with other manufacturer's product(s). Stir the paint well before use and always check the shade as no responsibility for a colour complaint is accepted after application. The information in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous improvement. For professional use only.