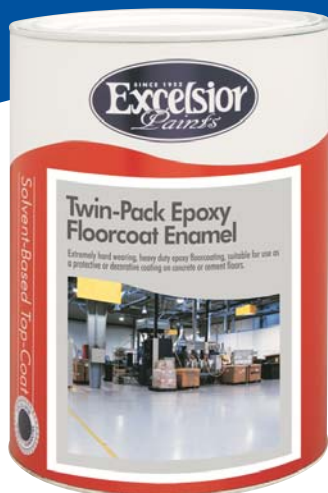


PRODUCT DATA SHEET

Reviewed 01/02/2016



YOU CAN'T BUY A BETTER PAINT FOR LESS!™



Twin Pack Epoxy Gloss Enamel Steel & Floor Coating

- SECTION A: DESCRIPTION**
A specially formulated epoxy resin based twin-pack gloss finish. N.B. Critical time for pot-life once catalyst is mixed with base is 4 - 8 hours depending on temperature and humidity and no longer! Warning: not suitable for prolonged exterior use. Suitable for application to properly prime steel surfaces (i.e. EPOXY ZINC PHOSPHATE PRIMER). Can be applied direct to suitably cleaned and abraded fibreglass. Its hardwearing formulation makes it perfect for workshop and garage floors.
- SECTION B: COMPOSITION**
Amine cured epoxy resin solution.
- SECTION C: PHYSICAL PROPERTIES**
- | | |
|---------------------|-------------------|
| Colour: | Various |
| Appearance: | Full Gloss Finish |
| Viscosity: | 60 - 75 Ku @ 25°C |
| S.G.: | 1.15 - 1.20 |
| Volume Solids: | 52 - 57% |
| Shelf Life: | 12 Months |
| Storage Conditions: | Normal |
| Pack Size: | 5l |
| Pot Life | |
- SECTION D: APPLICATION PROPERTIES**
- | | |
|---------------------|---|
| Method: | Spray, Brush or Roller |
| Average Dft: | 60 microns (recommended minimum) |
| Spreading Rate: | 8m ² /l |
| Wet Film Thickness: | ±100 microns |
| Number of coats: | 2 - 3 |
| Drying Time: | Surface 2 - 5 hours, hard 18hrs max @ 25°C. |
| Overcoating Time: | A critical time of between 24 - 48 hours |
| Thinning: | Excelsior Epoxy Thinners |
| Cleaning Solvent: | Excelsior Epoxy Thinners |
| Recommended system: | As an epoxy top-coat |
- SECTION E: PRECAUTION**
- | | |
|---|--------------|
| Refer to material safety data sheets (M.S.D.S.) | |
| Flash point: | 3°C. |
| Toxicity: | See M.S.D.S. |
- SECTION F: DESCRIPTION**
A high performance, heavy duty floor coating, designed for interior use for heavy traffic floors, i.e. workshops, factories. This coating can withstand traffic from forklifts and pallet trolleys, and has a fair degree of resistance to acid and initial solvents.
- SECTION G: APPLICATION METHOD**
The product must be applied by brush or roller and airless spray, but best results are achieved using brush or roller.
- The product is supplied as a twin - pack material of 5l total quantity consisting of 4l base (in a 5l container) and 1ltr catalyst (in a 1l container).
- The catalyst is to be added into the base (in the space provided in the 5l container) and stirred thoroughly for 10 (ten) minutes prior to use.
- It is important to mix only the amount of paint that can be used within a 4 -5 hour period as the mixed product has a pot-life. Once the product is stirred the pot life is 4 - 5 hours depending on temperature and humidity (the pot life is the recommended



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Twin Pack Epoxy Gloss Enamel... conti/

maximum length of time within which the mixed paint (i.e. base mixed with catalyst) must be used.

Do not use mixed paint once the pot life has been exceeded.

It is recommended that a minimum of two to three coats are applied and that the first coat is diluted 10 - 20% with epoxy thinners to promote penetration into the substrate.

Allow a minimum of 5 hours and a maximum of 24 hours between coats. Do not apply additional coats after the 24 hour period has expired.

SURFACE PREPARATION FOR CEMENT SURFACES:

It is essential that all surfaces where epoxy enamel floorcoat is to be used must be free from polish, oil or grease. Such surfaces should be thoroughly cleaned with Excelsior XL DEGREASER and rinsed with clean water. Allow to dry completely before painting!

UNPAINTED CEMENT WORK

Etch with a 10% solution of Hydrochloric acid in water. When the reaction has ceased, wash down well with clean water and allow to dry completely. Caution must be taken during the acid-wash to keep the acid solution away from skin and eyes.

NB!! All newly-laid floors must weather at least one month prior to painting.

PREVIOUSLY PAINTED FLOORS

Epoxy enamel cannot be painted over previously painted floors with conventional enamel floor paints but must be stripped with Excelsior XL PAINTSTRIPPER to bare cement or concrete before painting

If epoxy enamel is to be painted over previously painted epoxy enamel surfaces, the floor must be cleaned to remove dirt, oil, grease and dust. Old epoxy floors have very smooth surfaces which do not help inter-coat adhesion, and, therefore, old epoxy painted floors must be stripped mechanically (grinding, sanding or scabbling) prior to painting.

SURFACE PREPARATION FOR STEEL SURFACES:

Ensure steel is clean and free from dirt, grease or oil. Degrease with XL DEGREASER and lightly sand the steel surfaces with 200 grit sandpaper to promote adhesion.

For best results shot blast steel clean to Sa 2,5 - Swedish Std. SIS 05-5900 1962.

Apply one coat of Excelsior TWIN PACK EPOXY ZINC PHOSPHATE RED OXIDE PRIMER (As per specification) and allow to dry. Within 48 hours of applying the primer apply two full coats of Excelsior TWIN PACK EPOXY GLOSS ENAMEL (As per specification)

THINNING AND CLEAN-UP

EPOXY THINNERS is the only diluent suitable for thinning epoxy enamel. It is recommended that only the first coat of paint is diluted approximately 10 - 20% with epoxy thinners to achieve maximum penetration of the paint into the surface, the second and third coats are to be applied undiluted.

Cleaning of paint brushes and rollers and equipment is to be done with epoxy thinners before the product starts to cure.

SECTION H:

NOTE

No guarantees are implied by the recommendations contained herein; since the data sheet is issued for information only. Method of application, surface cleanliness, conditions of use etc. are beyond our control.