

Ivory 314F Super Fair Epoxy Fairing Compound for Marine Applications

Description

A light weight two-component epoxy compound containing glass micro spheres formulated to provide flexibility and excellent adhesion to steel, G.R.P., wood and Ferro-cement surfaces and to promote ease of sanding.

Uses

A fairing compound for yacht hulls, decks, super structures and any interior surfaces requiring profiling or smoothing.

Surface Preparation

Any surface to be treated must be clean, dry, sound and free of contamination with foreign matter. Vacuum cleaning and wiping with Ivory Epoxy Thinners is recommended. Smooth surfaces to be thoroughly abraded to provide a key. Teak and oil containing woods to be thoroughly treated with acetone to provide oil free bonding surface.

Mixing

All material should be stored in a cool place prior to mixing. As the mixed component has a limited pot life, prepare only sufficient material as can be applied within the limits of the components pot life. An increase in the temperature of either the compound components or the working environment will reduce the pot life. Mix on a flat, clean surface such as a board or plate. Measure out quantities **strictly** in accordance with mixing ratio and thoroughly mix to a homogeneous material using a spatula, paint scraper etc.

Health & Safety

Some of the components of this product may be hazardous during mixing and application. Please consult the relevant Health & Safety Data Sheet available from Flowcrete on request and sent with each delivery.

Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20 °C and at 50% Relative Humidity.

No of components	:	2
Mixing Ratio		
Epoxy / Act by volume	:	4:1
Pot life @ 25°C	:	20 minutes
Curing Time at 25°C		
Cure for sanding & re-application:		8 hrs
Practical Cure	:	24 hrs
Full Cure	:	7 days
Colour	:	Grey
Volume Solids	:	100%
Shelf Life in closed containers	:	2 years
Application Temperature	:	Min 10°C Max 30°C

Bond Strength

- Concrete : Concrete breaks before bond
- Wood : Wood breaks before bond
- Steel : 8mPa
- G.R.P : De-laminates before bond

Cleaner : W.S.B.C

Application

Spread the mixed material evenly over the surface requiring filling using a trowel, scraper or a Perspex or plastic fairing strip. Do not apply in layers exceeding 4mm. Allow layers to cure, sand off any high points utilizing a sanding board and reapply compound into any depressions remaining. Continue until a smooth even profile is achieved.

Ivory 315F, finishing compound can then be applied to provide the final smooth surface required to achieve a perfect finish for painting.