

Ivory 315F Epoxy Finishing Compound for Marine Applications

Description

A two component epoxy compound containing fine fillers formulated to provide a smooth dense surface capable of being applied at feather thickness.

Uses

As a finishing compound to surfaces faired with **Ivory 314F**. To fill small indentations or chips, and smooth rough textures prior to painting.

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 an oil free bonding surface.

Mixing

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.

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.

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 / activator by volume	:	2:1
Pot life @ 25°C	:	20 minutes
Curing Time at 25°C	:	
Cure for sanding & re-application:	:	4 hours
Practical Cure	:	24 hours
Full Cure	:	7 days
Colour	:	Light Blue
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
- Grit Blasted Steel:	:	8mPa.
- G.R.P.	:	G.R.P. breaks before bond
- Cleaner	:	W.S.B.C.

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.

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 2mm. 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 suitable to receive the paint coating, is achieved.