

# DRIVE Marine Services

## Bote Cote FloCote Epoxy Coating

### Overview

Bote Cote FloCote is a fully thixotropic coating developed to apply over rough and ugly tired old interior surfaces to tidy up and brighten them up. It can be applied directly to timber, fibreglass, bright steel and concrete. Basically any surface with porosity and not subject to direct sunlight. It can be used over rusty metal surfaces once the rust is Converted, Sealed and Primed with Feronite Rusty Metal Primer.

### Preparation

Always start your preparation by washing down with hot soapy water using a scour pad or wire brush to scrub off contamination before sanding.

Coarse sand(80 grit) rough or shiny surfaces before applying FloCote to make sure it has something to key onto. FloCote can be applied over flurry or degraded timber.

**TIP:** For Flurry Timber, a better result will be achieved if the surface is saturated with Bote Cote with TPRDA added and let gel before applying FloCote.



Figure 1 – Before & After Example

If the surface has been previously painted it must be removed before applying FloCote as it will react with most single pack paints.

Lemon Peel Paint Stripper is ideal for removing old coatings as it does not contain solvents and is water based making it easy & Safer to use. If a Two pack paint or Contact Glue residue has previously been applied it is worth covering the Lemon Peel with Glad Wrap or Baking paper and left a few hours to overnight. This will prevent the Lemon Peel from drying out. If it dries it will need reactivating using more Lemon Peel.

**TIP:** It is a good idea to clear out all old timberwork and furnishings before starting to minimise the issue of FloCote ending up over everything. Being a high solids epoxy it “sticks like S!!! to a blanket”.

### Applying FloCote

FloCote can be applied by White Bristle brush or disposable foam roller. It is designed to go on as a fairly thick coating and it is fully Thixotropic. As a result, it is not inclined to slump and can fill in humps and hollows in two coats. Additional coats can be applied if the aim is to fair a very rough surface. Always apply wet on wet meaning as soon as the 1<sup>st</sup> coat is sticky apply the next coat.

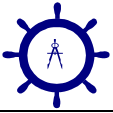


Figure 2 – 1st coat applied over GelCoat

**TIP:** If applying thick coats to fill F/G weave or rough areas on a vertical surface; let the previous coat go really sticky before applying the next coat.

For a Comprehensive Range of Boat Building requirements including

Bote Cote 2:1 Epoxy Resin, Fillers, Pour-on-Gloss Decoupage Coating, COP-R-BOTE Epoxy Antifouling, AQUACOTE Polyurethane Coatings, PURBOND Waterproof Single Pack Glue, TREDGRIP Rubberised non-slip Paint, Fibreglass & Carbon Reinforcing Fabrics, FERONITE Rust converter and Primer, Marine, Proof & Aircraft Plywoods, NIDAPLAST Composites, Silicon Bronze Fasteners, DAVEY Traditional Bronze & Marine Fittings



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The advantages of using Bote-Cote FloCote over solvent based paints / Coatings are;

- There are no fumes or nasty chemicals to breathe in. Note in Figure 3 that the hatches are open to ensure good airflow.
- Epoxy sticks tenaciously to Gelcoat & Polyester/Vinylester fibreglassed surfaces. Whereas, even two pack polyurethanes will lose their adhesion over time painted directly onto polyester flow coat.
- FloCote can be applied as a thick coating allowing it to fill in Lumps and bumps.

As a result, FloCote provides a bright coating which makes FloCote easier to see leaks and keep clean. As it seals up porosity it makes it much harder for mould and mildew to develop. It also makes the cabin interior look bigger as shown in Figure 4.



Figure 3 – The lower interior of the Cabin FloCoted

### Options

FloCote can be coloured with Bote Cote Pigments to provide your desired colour as shown in Figure 4. It is supplied brilliant White, but can be easily tinted to any colour your desire. New fittings can be Glued in place with EPOX-E-Glue before coating. Or glued in after if you want to Clear finish the Timber as a feature. If setting up fittings after the FloCote has cured it will need coarse sanding to give the EPOX-E-Glue something to grab onto.

### The Finished Product



Figure 4 – Careel 18 Interior looking Magnificent

It is amazing the difference FloCote can make to a boat interior as shown in Figures 4 to 6.



Figure 5 – Clansman Furry Floor Inserts



Figure 6 – FloCote over rusty steel treated Feronite Rusty Metal Primer

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