



ALUMINIUM BOAT BRUSH & ROLL PAINTING DIY System Guide

For Topsides & Superstructures



DISCLAIMER

The recommendation's provided in this brochure have been suggested in good faith based on common and assumed information that would be typical of the given situation. Altex Coatings Ltd has taken all reasonable steps to ensure the recommendations meet the needs of the typical client/situation but reserves the right to amend or withdraw any recommendations due to a change in conditions. If the steps outlined are not followed correctly or should the starting surface not be of a repairable state then Altex Coatings does not take any responsibility for failure of the product to perform as pictured.

Brilliant Coats for Brilliant Boats

STAGE 1 | Surface Preparation

The diagrams and step by step guides on the following pages are colour coded to match our in store coloured category paint can labels.



To ensure a successful paint finish for your Aluminium Boat, correct Surface Preparation is vital.



WATERBLAST

Waterblast all surfaces to be painted to remove salts. If waterblasting is not practical then wash with warm clean water and clean rags, (replace water frequently).



DEGREASE

Use the "Two-rag-method", one rag to apply and clean, the other to remove the solvent, oil and wax residues. Use **C50 Surface Cleaner**; to remove light oils, diesel etc. Use **D30 Degreaser/Dewaxer**; to remove wax, grease and heavy contaminants.

P40 Prepainting Cleaner

Alternatively, wash all surfaces with P40. Odourfree and biodegradable. Ref. Data Sheet and Label.



SAND - SOUND PAINTED SURFACES

Use **80 grit, non lubricated sandpaper**, render to a matt finish with a clearly discernible surface profile. Coarse sanding will expose any other poorly adhered coatings.

Sand - Damaged & corroded areas:

Sand all damaged areas and ensure that any broken or sharp edges are removed, so that all coatings have bevelled edges.

Sand - Exposed Aluminium and New Work

ALL aluminium surfaces must be thoroughly and freshly abraded before priming. The abraded alloy surface must be bright, clean and exhibit a clearly discernible surface profile. Ensure all welds are thoroughly abraded – use a wire brush or wire disc if need be. Do NOT use any acid.

If the coating system to be applied is a simple two or three coat (no fairing / filling or high build coatings) then you can use 100 to 125 grit to minimise the depth of the sanding marks. High build and faired surfaces need a coarser preparation to enhance and promote adhesion.



DEDUST

With either clean compressed air, vacuum and / or use a clean soft bristle brush. Do not use rags to dedust as any lint that "hooks" onto the surface may create a wick.

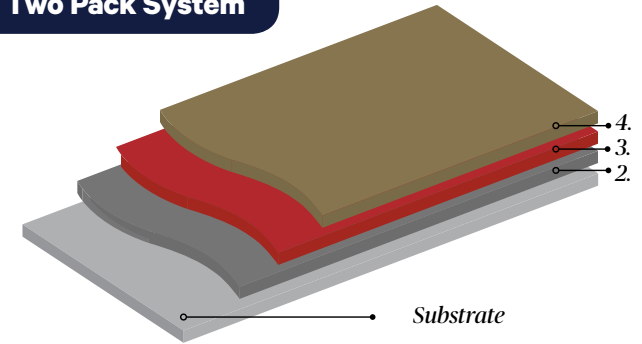


Take care to avoid contaminating the prepared alloy surface with skin contact. Ensure all surfaces are clean, dry and thoroughly prepared before proceeding.

STAGE 2 | Rapid Repaint



Two Pack System



1. SEE STAGE 1 - SURFACE PREPARATION



2. EPOXY ALUMINIUM PRIMER
Apply to all exposed Aluminium surfaces within 2 hours of abrasion. Apply in a thin see through film. **Proceed to Step 3 between 3 and 24 hours after Step 2.**



3. EPOXY BARRIER UNDERCOAT
Apply a full coat to all surfaces, additional coats may be required to achieve a satisfactory finish. ***SEE NOTE TOP COATING TIME FRAMES**



SAND 280-320 GRIT SANDPAPER

4. ELITE® 321 BRUSHING POLYURETHANE
Apply two or three coats.



*TOPCOATING TIMEFRAMES FOR TWO PACK SYSTEMS

If you require more than 2 weeks between the application of your Undercoat and Topcoat, you will need to use our **Polyurethane Undercoat** before Topcoating.

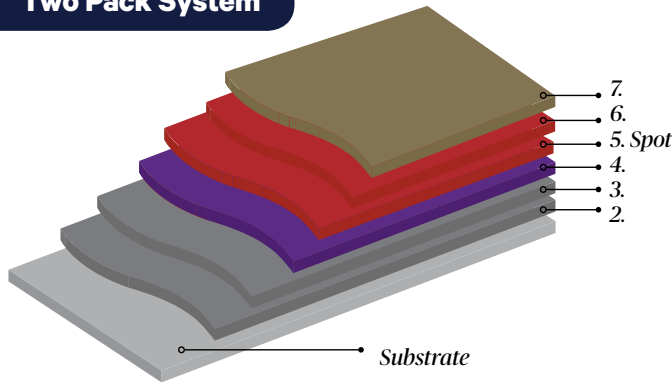
The Polyurethane Undercoat may be applied **instead** of the Epoxy Barrier Undercoat, however if you have already applied the Epoxy Undercoat, you can overcoat this with a full coat of Polyurethane, this must be applied before proceeding to Topcoating.



STAGE 2 | Repair & Repaint



Two Pack System



1. SEE STAGE 1 - SURFACE PREPARATION



2. EPOXY ALUMINIUM PRIMER
Apply to all exposed Aluminium surfaces within 2 hours of abrasion. Apply in a thin see through film. **Proceed to Step 3 between 3 and 24 hours after Step 2.**



3. EPOXY PRIMER
Apply a coat to all primed surfaces between 3 and 24 hours after Step 2.. Take care to ensure both primers are applied in a thin, even coat, with no runs, puddles or excess material pooling inside damaged areas.



4. EPOXY RESIN WITH MICROBALLOONS OR EPOXY FILLER
Apply to all damaged areas or uneven surfaces. Slightly overfill the area to ensure sufficient product has been applied.



SAND 80-120 GRIT SANDPAPER
Be careful to avoid sanding through the primers and exposing the aluminium substrate.



5. EPOXY BARRIER UNDERCOAT
Apply a **spot** prime coat to all filled & faired surfaces to seal.



6. EPOXY BARRIER UNDERCOAT
Apply a full coat of to all surfaces, a second full coat may be required to achieve a satisfactory finish. ***SEE NOTE TOP COATING TIME FRAMES**



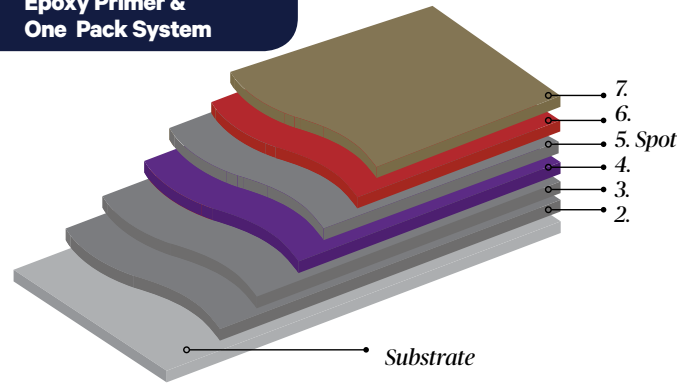
SAND 280-320 GRIT SANDPAPER

7. ELITE® 321 BRUSHING POLYURETHANE
Apply two or three coats.

STAGE 2 | Repair & Repaint



Epoxy Primer & One Pack System



1. SEE STAGE 1 - SURFACE PREPARATION



2. EPOXY ALUMINIUM PRIMER
Apply to all exposed Aluminium surfaces within 2 hours of abrasion. Apply in a thin see through film. **Proceed to Step 3 between 3 and 24 hours after Step 2.**



3. EPOXY PRIMER
Apply a coat to all primed surfaces between 3 and 24 hours after Step 2.. Take care to ensure both primers are applied in a thin, even coat, with no runs, puddles or excess material pooling inside damaged areas.



4. EPOXY RESIN WITH MICROBALLOONS OR EPOXY FILLER
Apply to all damaged areas or uneven surfaces. Slightly overfill the area to ensure sufficient product has been applied.



SAND 80-120 GRIT SANDPAPER
Be careful to avoid sanding through the primers and exposing the aluminium substrate.



5. MULTIPURPOSE PRIMER
Apply a **spot** prime coat to all filled & faired surfaces to seal.



6. SURFACER UNDERCOAT
Apply two to three coats. Additional coats may be required to achieve a satisfactory finish.



SAND 280-320 GRIT SANDPAPER

7. REGATTA® GLOSS ENAMEL
Apply two or three coats.

Aluminium Products

ANCILLARY PRODUCTS



C50 SURFACE CLEANER



P40 PRE PAINTING CLEANER



EPOXY RESIN & MICROBALLOONS



EPOXY FILLER

PRIMERS



MULTIPURPOSE PRIMER



EPOXY PRIMER



EPOXY ALUMINIUM PRIMER

UNDERCOATS



EPOXY BARRIER UNDERCOAT



POLYURETHANE UNDERCOAT



SURFACER UNDERCOAT

TOPCOATS



ELITE® 321 BRUSHING POLYURETHANE



REGATTA® GLOSS ENAMEL



REGATTA® 2K ADDITIVE

IMPORTANT APPLICATION CONSIDERATIONS: The number of a coats required may vary. The key factors to consider are the overall condition of the substrate, the desired finish, and, if applying one of the deep and dark colours, the likelihood that additional coats will be required to achieve full coverage.