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FINISHING INSTRUCTIONS FOR RAPID FIBREGLASS COMPOSITE DOORS

Professional guidance for optimal coating performance and long-term durability, always seek advice from your paint supplier or coating specialist to confirm product suitability for fibreglass composite doors and always follow the manufacturer's application instructions. Failure to adhere strictly to the finishing instructions including any hinge or door furniture installation areasoutlined here may void the warranty.

RECOMMENDED FINISHES

Dark Colours: Heat-reflective technology paint MUST be used to reduce surface temperature and prolong coating life. Talk to your paint specialist for advice on the correct Heat Reflective paints, primers and cleaning agents to use on your Fibreglass composite doors.

Light Colours: Light-coloured paints are better for heat reflectivity because they have a higher capacity to reflect solar radiation and absorb less sunlight, which in turn absorbs less heat. However, it is strongly recommended to use heat reflective technology, talk to your paint specialist for advice on the correct Heat Reflective paints, primers and cleaning agents to use on your Fibreglass composite doors.

Gloss Levels: Satin finishes are preferred to minimise visual surface distortion (e.g., "ripple" effect). Gloss finishes may highlight surface undulations.

SURFACE PREPARATION

Proper preparation is critical to ensure adhesion and finish quality.

- **Clean Thoroughly:** Wash all surfaces using liquid sugar soap or approved alternatives, consult your paint specialist for suitable products. Ensure no residue remains, thoroughly wipe down with plenty of clean water and allow to dry completely.
- **Scuff Sanding:** Lightly sand all surfaces using 120–240 grit sandpaper or a Scotch-Brite pad. This step is essential for paint adhesion - omitting it may result in coating failure. Avoid deep scratches; surface damage may show through the final finish.
- **Dust Removal:** Wipe down until dust-free. Acetone may be used but must fully evaporate before painting. **Do not** use hydrocarbon-based solvents - they may leave residues that interfere with adhesion.
- **Positioning for Painting:** Lay the door **horizontally** during painting to ensure an even finish and prevent runs.

PAINT FINISH

Priming: Use a primer suitable for **fibreglass and PVC surfaces must be used.**

- Consult your paint specialist for the best products available that provide maximum strength and adhesion for fibreglass and PVC surfaces.

Topcoats: Apply at least **three generous coats** of high-quality solvent based or acrylic enamel suitable for exterior use. Lightly sand between all coats including primer coat.

- Consult your paint specialist for the best products available that provide maximum strength and adhesion for fibreglass and PVC surfaces, and best colour selection of your choice.

Coastal Areas: Apply a fourth coat to protect against salt-laden air and harsh environmental conditions. See our warranty for the definition of Seacoast environments.

SAFETY & HANDLING

- Always follow manufacturer instructions when using paints, solvents, or cleaning agents.
- Ensure adequate ventilation. Keep away from heat and open flames.
- Avoid skin and eye contact. Store materials safely and out of reach of children.
- Always wear appropriate PPE, including masks, gloves & eye protection.

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CARE & MAINTENANCE

- Avoid abrasive contact for at least 5 days post-finishing.
- Exposure to UV, moisture, and pollutants will gradually affect the coating.
- For best results, consider adequate overhead protection including awnings and portico projections
- Regular maintenance is essential for longevity.
- Clean periodically with **mild detergent and water** to remove contaminants.
- Recoat when sheen fades or surface shows signs of wear.
- For recoating: Wash with detergent solution. Rinse and dry thoroughly. Apply refresher topcoat as per product instructions.
- Inspection Schedule: Check the surface **every 2 years.** Maintenance frequency may vary based on location and exposure.
- Failure to adhere strictly to the finishing instructions outlined here may void the warranty including any hinge or door furniture installation areas
- The products listed below are provided as examples only. Rapid Hardware Group does not endorse or have any commercial arrangement with the manufacturers listed. Always seek advice from your paint supplier or coating specialist to confirm product suitability for fibreglass composite doors and always follow the manufacturer's application instructions. Failure to adhere strictly to the finishing instructions outlined here may void the warranty

Step	Brand	Product
Cleaning	Resene	Heavy Duty Paint Prep and Oil Remover
Cleaning	Dulux	House Wash
Primer	Dulux	Precision Maximum Strength Adhesion Primer
Primer	Resene	Quick Dry Primer Undercoat
Prime	PPG Paints	3 in 1 Prep
Darker Colour Topcoat	Resene	Lustacryl CoolColour Semi-Gloss Waterborne Enamel
Light Colour Topcoat	Resene	Lustacryl Semi-Gloss Waterborne Enamel
Topcoat (General)	PPG Paints	Water Based Enamel
Topcoat (General)	Dulux	Aquanamel Water-Based Enamel

The warranty only applies to defects which have arisen solely from faulty materials or workmanship in the Products and does not apply to other defects which may have arisen as a result of, without limitation, the following: Failure to adhere strictly to the finishing & installation instructions, accidental damage, abuse, misuse, maltreatment, abnormal stress or strain, harsh or adverse weather conditions, seacoast environments, including excessive weight or imbalanced loading, or neglect of any kind of the Products.