

PPG PAINTS WATER BASED ENAMEL

## NZ COATING GUIDELINES FOR DURAMAX DOORS

### PPG Paints 3 in1 Prep & Water Based Enamel

PPG Paints has been built on technical superiority and delivers quality proven results across many business units including architectural. With a 700-strong research and development team, PPG keeps this proud tradition alive. We're constantly introducing revolutionary new technologies like Microban®, and Nanoguard® with its unique, interlocking molecular structure.

#### Coating System Summary: Duramax Composite Doors

##### PPG Paints Water based enamel

|                           |   |
|---------------------------|---|
| 1 <sup>st</sup> Coat:     | PPG Paints 3 in 1 Prep  |
| 2 <sup>nd</sup> Coat:     | PPG Paints Water Based Enamel   |
| 3 <sup>rd</sup> Coat:     | PPG Paints Water Based Enamel   |
| <b>Spread Rate:</b>       | Up to 12m <sup>2</sup> /L per coat (PPG Paints 3 in 1 Prep).<br>Up to 16m <sup>2</sup> /L per coat (PPG Paints Water Based Enamel). |
| <b>Recoat Time:</b>       | 2 hours   |
| <b>Dry Film Thickness</b> | 25-30 microns per coat  |

#### SURFACE PREPARATION

1. Thoroughly wash all surfaces with liquid sugar soap. Rinse with clean water and allow to dry.
2. **Important:** Scuff sand with 120-240 grit sandpaper or medium sanding block. Missing this step will mean the finish is unlikely to adhere.
3. Dust down surface, until it is dust free (acetone can be used but must be dry before painting). Do not use hydro-carbon based solvents to clean the surface as such products may leave a residue.
4. Lay door horizontally for painting where possible.



#### PPG Paints 3 in 1 prep application:

1. Stir PPG Paints 3 in 1 Prep using a broad paddle stirrer prior to use until the paint is thoroughly mixed including any tint within the paint.
2. Apply 1 coat of PPG Paints 3 in 1 Prep and allow to completely dry ensuring 2 hours prior to over coating with topcoat.



### PPG Paints Water Based Enamel Application:

3. Stir PPG Paints Water Based Enamel using a broad paddle stirrer prior to use until the paint is thoroughly mixed including any tint within the paint.
4. Apply 2 coats of PPG Water Based Enamel using a brush, roller or spray gun. \* In coastal areas a 3<sup>rd</sup> coat is recommended due to harsh salt atmospheric conditions.
5. PPG Paints Water Based Enamel will be touch dry in 30 minutes. Allow 2 hours for recoat at 25 deg C and allow 4 hours in cold or humid conditions. Do not use below 10 deg C above 35 deg C or when humidity is excessive or if rain showers or dew is expected within 6 hours of application.

## CARE & MAINTENANCE

Protect the coating from abrasive contact for at least 5 days.

Even a well-finished fiberglass or composite door will be affected by exposure and UV weathering from sun, moisture, and air pollutants. It is considered normal to undergo maintenance when the surface begins to deteriorate and the sheen level of the coating reduces.

Periodically cleaning the surface of your painted Duramax door with a mix of water and mild detergent solution will remove contaminants which can erode and damage the coating system over time especially in coastal areas. Simple maintenance cleaning will extend the service life of the coating and ensure better longevity. It is important to recoat the surface when the coating begins to show signs of wear. Simply wash down with a mild detergent and water solution, rinse off and allow to dry. Apply a refresher coat of PPG Paints Water Based Enamel in your preferred colour following instructions of back of pack.

Monitoring the surface every 2 years is recommended and maintenance schedules vary for every project and location.