



FloorGuard 5550 Series Int/Ext Waterborne Alkyd/Polyurethane Enamel Gloss Finish

Product Description

PARA FloorGUARD is a top quality, low VOC (less than 100g/L), hybrid waterborne alkyd/polyurethane enamel porch and floor paint for interior and exterior surfaces. This high performance, super-adherent coating dries quickly to a hard durable gloss finish that provides superior wear, dirt and water resistance for protection from abrasion, foot traffic and weathering. Ideal for properly prepared wood and concrete porches, steps, and basement floors.

Advantages

- Ultimate durability and performance of an oil based paint with easy water clean up, fast dry and low odour of a latex
- Excellent scrubability
- Water resistant
- Resists dirt, stains and abrasions
- Easy to apply with excellent hide, adhesion and self leveling
- Volatile organic compounds (VOC) are less than 100 g/L (Including 2 Factory Greys) and complies with the Canadian VOC standards **Please see "Additional Data" below.

Projects

Environment:

Interior/Exterior

Use

New or maintenance work. Used for basement floors, steps, machinery, furniture, porch entrances, doors and trim.

Surfaces

For new or previously painted surfaces with water-based or solvent-based products. Wood, masonry and primed metals. It is essential to prepare the surface and apply a primer if needed prior to applying the product. See below for primer recommendation.

Note

Not recommended for areas submitted to vehicle tires. (Will not withstand "Hot Tire Pick-up"). This product is not recommended on exterior vinyl or fiberglass surfaces. Allow new concrete to cure for 30 days before apply product. Do not apply if surface is hot to touch or if rain is imminent. Do not allow water to sit or pool on coating during the 14 day cure period. The addition of a non slip additive or non slip tape might be required in floor areas subject to humidity or moisture as a high gloss finish will potentially become slippery if wet. Do not mix with other paints or solvents

Pre-mixed colors, tinting bases and sizes

Available in 2 factory Greys: Light Grey (5556) and Dove Grey (5558); as well as White (00) and Ultra Deep Base (03) for tinting. Consult your Para retailer for available sizes.

Characteristics

Physical Form: Liquid

Quality: First Choice

Transparency: Solid

Gloss Level: Gloss

Gloss Percentage

Gloss at 60°: 70% +
Gloss at 85°: n/a

Composition

- Diluent: Water
- Binder: Alkyd Resin / Fortified with Polyurethane
- Pigments: Titanium Dioxide

Spreading Rate

3.7L: 450 to 500 ft² (41 to 46m²)
@ 1-1.2 mils DFT. Rate may change depending on surface porosity.

Drying Time

- Tack free : 1 hours
- Handle : .4 to 6 hours
- Recoating : 24 hours
- Horizontal surfaces: Wait 24 hours before resuming normal traffic and 7 to 10 days before replacing furniture, mats and carpeting.

Density*

1.1 g/ml

Solids in Volume*

34 ± 1%

Flash Point*

Not applicable

Inflammability

Nonflammable

Certifications*

Canadian environmental VOC standards:
< 150 g/L

PARA guarantees the quality of its products. They are in conformity with the description provided in the technical data sheets and on the labels for which they are intended, as indicated by the company. However, since the manufacturer has no control over the circumstances, the methods and the conditions appropriate to their intended uses, this guarantee applies only to the high quality of PARA products. Liability, if any, is limited to replacement of product only. Labor or the cost of labor and other consequential damages are not included.

Surface Preparation

Surface preparation is of the utmost importance. The majority of problems attributable to coatings are caused by inadequate surface preparation. Surfaces must be clean, solid, free from dust, dirt, oil, soot, wax, mildew, chalking, patina or flaking, etc. In order to prepare surfaces adequately, follow the preparation steps as described below. Wood must have moisture content below 18%. Concrete must have moisture content below 12%.

Concrete should (cured 30 days min): treat surfaces with a solution of muriatic acid & water, rinse and let dry perfectly before coating. Allow a minimum of 2-3 days to dry after washing, rain or dew touches the surface.

- Clean surface with the appropriate product. TSP cleaner is the most common cleaner used for surfaces to be painted. To remove mildew, wash with a solution of household bleach (1 part household bleach for 3 parts of water). If wood exudes resin, scrape the excess and clean surface with alcohol or paint thinner. If there are efflorescent salts, treat surfaces with a solution of muriatic acid referring to supplier's instructions, rinse well and let dry perfectly before coating. To test surface moisture, attach plastic polyethylene films with masking tape to surface areas to be tested. Leave the plastic films in place for 24 hours. After a period of 24 hours, check for any signs of moisture under the plastic films. If there is no trace of moisture, apply the coating. Previously Painted Surfaces**: Glossy surfaces should be sanded to a dull finish

- Strip or scrape all loose paint and dull glossy surfaces.
- Sand surfaces using No. 100-180 grit sandpaper. Vacuum sanding residues. (Precautionary measures: operations such as dry sanding or paint film burning may generate dust and harmful fumes. If possible, use the wet sanding method. If exposure cannot be avoided by means of local ventilation, wear a breathing mask.)
- Repair holes and cracks with a paste filler suitable to surface repaired.
- On bare wood, wipe knots with lacquer thinner or seal with shellac.
- Apply the base coat appropriate to the surface you want to paint. Using the same company brand base coat and finishing products will assure better adhesion. Before applying the base coat, cover or mask surfaces that you do not wish to paint. Consult your retailer for additional information.

Listed below are some recommended base coat products:

- Bare wood: Interior 777 & Exterior 750 latex primer or Para 151 solvent-based primers.
- Tannin Rich Woods such as (Cedar /Redwood), Plywood and MDF: Prime with Para Primetech 151 solvent-based
- Ferrous metal (iron, steel): Para Metalguard 59197 solvent-based primer.
- New galvanized metal: Para Ultra 750 water-based primer.
- Smooth Masonry, Brick or Concrete: Para Ultra 750 water-based primer
- Porous surfaces such as Cinder Blocks: Para Latex Block Filler 3498
- No primer is required on previously painted properly prepared latex.

Application

- This is a ready-to-use product and should not be diluted.
- Thoroughly stir the product before and during application.
- Condition the tools with water before using them.
- Apply leaving no bare spots or excess paint. Respect product spread rate. When painting, mark out a section of about 2 x 4 feet with a roller by drawing a "W". Without lifting the roller from the surface, fill in the "W". Smooth out the unpainted portion in the direction of the painted portion.
- Respect the drying time between coats. Low temperatures or high humidity may affect the drying time.
- Applying two finishing coats will provide better durability and appearance.
- If using, remove the masking tape after each coat to avoid lifting off paint when work is completed.
- Wait 24 hours before resuming normal traffic and 7 to 10 days before replacing furniture, mats and carpeting
- To obtain more information on application methods, visit the website at www.para.com

Recommendations

Application Conditions

- Temperature Optimum 15°C to 25 °C (60°F to 77°F). Relative humidity: Optimum 40 to 60%. For interior use, provide adequate ventilation. Avoid draughts. Avoid painting in direct sunlight or on very hot days. Do not apply when below 10°C.
- **Please see "Additional Data" below.

Tools

- Paintbrush: nylon polyester bristles
- Roller: 6 - 10 mm
- Spray gun - tip: 0.013 - 0.017 in

Cleaning of the Tools

Clean tools and hands with lukewarm water and soap. (A final rinse with Mineral Spirits may be required).

Surface Maintenance: Allow 14 days before washing, using non-abrasive cleaning solution and a soft rag.

Storage and Transportation

Keep product in a cool, dry and well-ventilated area. Avoid freezing. Pot-life for this product is approximately 5 years.

Disposal: Contact your municipality to dispose of leftover products.

Safety Measures: See material safety data sheet for complete health and safety info. May cause eye irritation. Avoid contact with eyes. Keep out of reach of children. Use under well ventilated conditions.

FIRST AID TREATMENT: Contains small amounts of non-ionic surfactants. In case of contact with eyes, flush well with running water. If swallowed, call poison centre or physician immediately.

****Additional Data:** Drying time will vary depending on temperature, air circulation and humidity. It is strongly recommended on alkyd based painted surfaces to do a compatibility test. Otherwise, the entire surface must be sanded in order to remove the sheen and to give the paint better adherence (100-120 grit paper). Note: (VOC) are less than 100 g/L (Including 2 Factory Greys) before the addition of colorant. Please see MSDS for specific amounts.