

RECREATION & AMUSEMENT



PPG High Performance Coatings

## **HIGH PERFORMANCE COATINGS FROM A HIGH PERFORMANCE COMPANY**

PPG is a leading supplier of high performance coatings to the recreation and amusement industries. Our complete line of products is designed to meet your precise requirements and has been proven effective in the most demanding applications.

## **UNDERSTANDING YOUR BUSINESS IS OUR BUSINESS**

From the elements, to crowds, to spilled soda and mustard, amusement and recreation facilities are unique environments with special coatings needs. PPG has experience with parks, facilities and resorts across the country and is familiar with your challenges in painting steel, concrete and wood. From the U.V. rays in Florida and Southern California to the freeze-thaw effect on painted surfaces in the northern U.S. and Canada, we have experience diagnosing coatings challenges at amusement parks and recreational facilities.

## **HIGH PERFORMANCE PRODUCTS**

Park owners, painting contractors and engineers choose PPG High Performance Coatings when performance counts. Our easy to apply Pitthane® Ultra is the industry's best urethane enamel to fight the ravages of the sun for superior color and gloss retention. Pitt-Tech® One Pack Direct to Metal Waterborne Enamel is best in its class. *Pitt-Tech* is the choice for in-house maintenance departments and painting contractors when a water base coating is desired. Aquapon® WB is a waterborne epoxy that offers epoxy protection, with the ease of use and environmental benefits of a waterborne coating.

## **HIGH PERFORMANCE PEOPLE**

You can count on our national network of PPG High Performance Coatings Specialists, company stores and authorized PPG High Performance Coatings dealers to protect your valuable assets. We work seamlessly with your maintenance staff and painting contractors as a team to get the job done. From specification to local service and essential advice, we are your coatings experts.



## HOW TO USE THIS GUIDE

For technical information and specification assistance call PPG High Performance Coatings Technical Service at 1-877-FOR-HPC1 or contact your local PPG sales representative or dealer. Please visit [www.ppghcp.com](http://www.ppghcp.com) to find where to buy PPG High Performance Coatings.

The paint systems detailed in this guide are representative of the many types of high performance coatings available for the amusement and recreation industries. Each system listed recommends primers and finishes to offer maximum protection. System features and benefits describe how the system may achieve your maintenance objectives.

### BEFORE SELECTING A COATING SYSTEM

Consider the following factors:

- Environmental conditions and exposure
  - Severe, moderate or mild environment
  - Interior or exterior applications
- Type and degree of surface preparation your contractor can perform
- The life expectancy and economics of the coatings system

### STEP 1: SELECT A PAINT SYSTEM

- Find the type of area that you are painting
- Identify the substrate
- Choose a system

### STEP 2: REVIEW FEATURES AND BENEFITS

- Determine if coating(s) will meet your objectives

### STEP 3: RELY ON AN EXPERT RECOMMENDATION FROM PPG HIGH PERFORMANCE COATINGS

Call PPG High Performance Coatings Technical Services or your PPG High Performance Coatings Representative today for specification assistance and high performance coatings from a high performance company.



## SEVERE ENVIRONMENT

### LOCATIONS:

**Interior** - Walls, floors and equipment, machinery, grease disposal areas, piping, pumps equipment storage, lifts, pits, battery storage areas and equipment.

**Exterior** - Canopies, pumps, structural steel, tanks, signs, masonry, siding

### TYPICAL EXPOSURE:

Splash, spills or cleaning with strong chemicals, (acids-bases-oxidizing agents-solvents) frequent abrasion, tropical, sub-tropical, or coastal exterior environment

### SUBSTRATE: FERROUS METAL, GALVANIZED STEEL, ALUMINUM

**Surface Preparation** - All surfaces should be clean, dry and free of grease, oil or other contamination. All surfaces should be prepared in accordance with SSPC-SP2/3 minimum.

PRIMER	FINISH	SYSTEM BENEFITS & FEATURES
Pitt-Guard® DTR Epoxy Primer 97-140 Series or 97-948 Series	Pitthane® Ultra Urethane Finish 95-800 Series or Pitthane 35 Urethane Finish 95-850 Series	Provides maximum color & gloss retention along with excellent corrosion, abrasion, and chemical resistance. Scuff sand all new aluminum and galvanized surfaces to remove oxides and stabilizers.
Pitt-Guard Rapid Coat Epoxy Primer for new construction 95-200 Series	Pitthane Ultra Urethane Finish 95-800 Series or Pitthane 35 Urethane Finish 95-850 Series	Provides maximum color & gloss retention along with excellent corrosion, abrasion, and chemical resistance. Scuff sand all new aluminum and galvanized surfaces to remove oxides and stabilizers.
Aquapon® WB Primer 98-46 Series	Aquapon WB Epoxy Finish 98-1 Series	For interior surfaces where a low odor, chemical resistant, abrasion resistant coating is required - gloss finish for maximum cleanability. May be used to upgrade existing systems.
Pitt-Guard DTR Epoxy 97-140 Series or 97-948 Series	Pitt-Guard DTR Epoxy 97-140 Series or 97-948 Series	For immersion in a variety of exposures including but not limited to sewage, process water, nonpotable water. Steel Surfaces require SSPC-SP10 Near White Blast Cleaning.
Pitt-Guard DTR Epoxy Primer 97-140 Series, or 97-948 Series	Aquapon WB Epoxy Finish 98-1 Series or Aquapon 35 Epoxy Finish 95-1 Series	For interior surfaces where a chemical resistant, abrasion resistant coating is required - gloss finish for maximum cleanability. May be used to upgrade existing systems.

### SUBSTRATE: CONCRETE/MASONRY

**Substrate:** All surfaces should be clean, dry, and free of grease, oil, lattice, or other contamination. Floors require acid etching as minimum surface preparation. Concrete to be lined requires abrasive blasting to achieve 2 mil profile.

PRIMER	FINISH	SYSTEM BENEFITS & FEATURES
Pitt-Guard DTR Epoxy Primer 97-140 Series or 97-948 Series	Pitthane Ultra Urethane Finish 95-800 Series or Pitthane 35 Urethane Finish 95-850 Series	Provides maximum color & gloss retention along with excellent corrosion, abrasion, and chemical resistance on exterior concrete surfaces.
Aquapon Epoxy Block Filler 97-685 Series	Pitthane Ultra Urethane Finish 95-800 Series or Pitthane 35 Urethane Finish 95-850 Series	Provides maximum color & gloss retention along with excellent corrosion, abrasion, and chemical resistance on exterior CMU (Concrete Masonry Unit) surfaces.
Pitt-Guard DTR Epoxy 97-140 Series or 97-948 Series	Pitt-Guard DTR Epoxy 97-140 Series or 97-948 Series	For immersion in a variety of exposures including but not limited to sewage, process water, nonpotable water. Concrete surfaces require abrasive blast cleaning.
Aquapon Epoxy Block Filler 97-685 Series	Aquapon WB Epoxy Finish 98-1 Series or Aquapon 35 Epoxy Finish 95-1 Series	For interior CMU surfaces where a stain , chemical, abrasion resistant coating is required - gloss finish for maximum cleanability.
Aquapon WB Epoxy Finish or Aquapon 35 Epoxy Finish	Aquapon WB Epoxy Finish 98-1 Series or Aquapon 35 Epoxy Finish 95-1 Series	For interior floor surfaces or precast concrete surfaces where a chemical resistant, abrasion resistant coating is required - gloss finish for maximum cleanability. Aquapon WB Epoxy may be used to upgrade existing systems.

## MODERATE ENVIRONMENT

### LOCATIONS:

**Interior** - Walls, floors, machinery, piping, pumps, lifts, and equipment

**Exterior** - Canopies , pumps, structural steel, tanks, signs, masonry, siding

### TYPICAL EXPOSURE:

Splash, spills or cleaning with mild chemicals and soaps, occasional moderate abrasion, moderate to coastal environment

### SUBSTRATE: FERROUS METAL, GALVANIZED STEEL, ALUMINUM

**Surface Preparation** - All surfaces should be clean, dry and free of grease, oil or other contamination. All surfaces should be prepared in accordance with SSPC-SP2/3 minimum.

PRIMER	FINISH	SYSTEM BENEFITS & FEATURES
Pitt-Guard® DTR Epoxy Primer 97-140 Series or 97-948 Series	Pitthane® Ultra Urethane Finish 95-800 Series or Pitthane 35 Urethane Finish 95-850 Series	Provides maximum color & gloss retention along with excellent corrosion, abrasion, and chemical resistance. Scuff sand all new aluminum and galvanized surfaces to remove oxides and stabilizers.
Pitt-Guard Rapid Coat Epoxy Primer for new construction 95-200 Series	Pitthane Ultra Urethane Finish 95-800 Series or Pitthane 35 Urethane Finish 95-850 Series	Provides maximum color & gloss retention along with excellent corrosion, abrasion, and chemical resistance. Scuff sand all new aluminum and galvanized surfaces to remove oxides and stabilizers.
Aquapon® WB Primer 98-46 Series	Aquapon WB Epoxy Finish 98-1 Series	For interior surfaces where a low odor, chemical resistant, abrasion resistant is required - gloss finish for maximum cleanability. May be used to upgrade existing systems.
Pitt-Tech® Industrial Acrylic Primer 90-712 Series	Pitt-Tech Industrial Acrylic Enamel 90-374 or 474 Series	May be used in interior or exterior applications where a low odor chemical resistant is desired. Very good color and gloss retention, fast dry.
Pitt-Tech Industrial Acrylic Enamel 90-374 or 474 Series	Pitt-Tech Industrial Acrylic Enamel 90-374 or 474 Series	May be used in interior or exterior applications where a low odor chemical resistant is desired and to upgrade existing systems. Very good color and gloss retention, fast dry.
Pitt-Guard DTR Epoxy Primer 97-140 Series or 97-948 Series	Aquapon WB Epoxy Finish 98-1 Series or Aquapon 35 Epoxy Finish 95-1 Series	For interior surfaces where a, chemical resistant, abrasion resistant is required - gloss finish for maximum cleanability. May be used to upgrade existing systems.

### SUBSTRATE: CONCRETE/MASONRY

**Substrate:** All surfaces should be clean, dry, and free of grease, oil, lattice, or other contamination. Floors require acid etching as minimum surface preparation.

PRIMER	FINISH	SYSTEM BENEFITS & FEATURES
Pitt-Tech Industrial Acrylic Enamel 90-374 or 474 Series	Pitt-Tech Industrial Acrylic Enamel 90-374 or 474 Series	May be used in interior or exterior applications where a low odor chemical resistant is desired and to upgrade existing systems. Very good color and gloss retention, fast dry.
Pitt-Glaze Block Filler 16-90 Series	Pitthane Ultra Urethane Finish 95-800 Series or Pitthane, 35 Urethane Finish 95-850 Series	Provides maximum color & gloss retention along with excellent corrosion, abrasion, and chemical resistance. on exterior CMU or masonry surfaces.
Aquapon WB Epoxy Finish 98-1 Series or Aquapon 35 Epoxy Finish 95-1 Series	Aquapon WB Epoxy Finish 98-1 Series or Aquapon 35 Epoxy Finish 95-1 Series	For interior floor surfaces where a chemical resistant, abrasion resistant is required - gloss finish for maximum cleanability. Aquapon WB Epoxy may be used to upgrade existing systems.

## MILD ENVIRONMENT

### LOCATIONS:

**Interior** - Offices and public areas, equipment, doors and frames, pumps and piping

**Exterior** - Walls, panels, pumps, equipment, structural steel, handrails, windows, signs, etc.

### TYPICAL EXPOSURE:

Infrequent, spills or cleaning with mild chemicals and soaps, occasional abrasion, mild, to moderate environment

### SUBSTRATE: FERROUS METAL, GALVANIZED STEEL, ALUMINUM

**Surface Preparation** - All surfaces should be clean, dry and free of grease, oil or other contamination. All surfaces should be prepared in accordance with SSPC-SP2/3 minimum.

PRIMER	FINISH	SYSTEM BENEFITS & FEATURES
PPG Multiprime® Primer 97-680 Series*	Pitthane® Ultra Urethane Finish 95-800 Series or Pitthane 35 Urethane Finish 95-850 Series	Provides maximum color & gloss retention along with excellent corrosion, abrasion, and chemical resistance. Scuff sand all new aluminum and galvanized surfaces to remove oxides and stabilizers.
Pitt-Guard® Rapid Coat Epoxy Primer for new construction 95-200 Series	Pitthane Ultra Urethane Finish 95-800 Series or Pitthane 35 Urethane Finish 95-850 Series	Provides maximum color & gloss retention along with excellent corrosion, abrasion, and chemical resistance. Scuff sand all new aluminum and galvanized surfaces to remove oxides and stabilizers.
PPG Multiprime Primer 97-680 Series*	Aquapon® WB Epoxy Finish 98-1 Series or Aquapon 35 Epoxy Finish 95-1 Series	For interior surfaces where a chemical resistant, abrasion resistant is required - gloss finish for maximum cleanability. May be used to upgrade existing systems.
PPG Fast Dry 35 Primer 95-900 Series*	PPG Fast Dry 35 Enamel 95-900 Series	May be used in interior or exterior applications where a high quality alkyd finish is desired. Good color and gloss retention, fast dry.
Pitt-Tech® Industrial Acrylic Primer 90-712 Series	Pitt-Tech Industrial Acrylic Enamel 90-374 or 474 Series	May be used in interior or exterior applications to upgrade existing systems. Very good color and gloss retention, fast dry. Good for galvanized steel.

\* Not for galvanized metal

### SUBSTRATE: CONCRETE/CONCRETE MASONRY UNITS/INTERIOR DRYWALL & WOOD TRIM:

**Substrate:** All surfaces should be clean, dry, and free of grease, oil, lattice, or other contamination. Floors require acid etching as minimum surface preparation.

PRIMER	FINISH	SYSTEM BENEFITS & FEATURES
Pitt-Tech Industrial Acrylic Enamel 90-374 or 474 Series	Pitt-Tech Industrial Acrylic Enamel 90-374 or 474 Series	May be used in interior or exterior applications where a low odor durable coating is desired and to upgrade existing systems. Very good color and gloss retention, fast dry, may be used on floors.
Pitt-Glaze® Block Filler 16-90 Series	Pitt-Tech Industrial Acrylic Enamel 90-374 or 474 Series	May be used in interior or exterior applications where a low odor durable coating is desired and to upgrade existing systems. Very good color and gloss retention, fast dry.
Speedhide® Sealer 6-2 Series	Speedhide Flat Wall Paint 6-70 Series	Coating system for interior walls in mild to moderate environments such as rooms, offices and common areas. Readily repaired and touched up.
Speedhide Enamel Undercoater 6-855	Speedhide Semi-Gloss Enamel 6-500 Series	Coating system for interior trim in mild to moderate environments such as rooms, offices and common areas. Readily repaired and touched up.
Speedhide Sealer 6-2 Series or Speedhide Enamel Undercoater 6-855	Speedhide Eggshell Enamel 6-411 Series	Coating system for interior walls & trim in mild to moderate environments such as rooms, offices and common areas. Readily repaired and touched up.