

PULP & PAPER MILLS



PPG High Performance Coatings

HIGH PERFORMANCE COATINGS FROM A HIGH PERFORMANCE COMPANY

PPG is a leading supplier of high performance coatings for the pulp and paper industry. Our complete line of primers, intermediate coatings and finishes are designed to meet your precise requirements and have been proven effective in the most demanding applications.

Engineers, industrial painting contractors and facility managers across the pulp and paper industry count on PPG High Performance Coatings for solutions to protect facilities from water, acids and caustics.



HIGH PERFORMANCE PRODUCTS

PPG High Performance Coatings offers one of the most complete line-ups of epoxy coatings. PPG Pitt-Guard® DTR Epoxy Mastic Coatings offer maximum protection with minimum surface preparation. Aquapon® epoxy intermediate and finish coats offer PPG epoxy protection with unsurpassed color range for all coatings applications.

Pitthane® Urethane coatings offer the ultimate in color and gloss retention. Pitthane Ultra, our highest quality urethane, exceeds the most stringent level 3 weathering requirements for the SSPC SP-36 standard. Pitthane urethanes are ideal for exterior conveyers, cranes, tanks, machinery, pipes, racks and structural steel.

Our complete line of Megaseal® Floor Coating solutions includes patching and sealing products, resurfacing systems, self-leveling epoxy floors and thin film systems to create seamless floors for the most rigorous environments.

HIGH PERFORMANCE PEOPLE

You can count on PPG High Performance engineer and architect representatives, as well as a national team of NACE certified PPG High Performance Coatings Specialists to address your coatings challenges. Our team is committed to protecting your valuable assets with sound advice and has the experience to back it up.

HOW TO USE THIS GUIDE

For technical information and specification assistance, call PPG High Performance Coatings Technical Services toll free at 1-877-FOR-HPC1 or contact your local PPG sales representative.

The paint systems detailed in this guide are representative of the many types of High Performance Coatings available for Pulp and Paper applications. Each system listed specifies the recommended surface preparation, primer, intermediate and finish coat to offer maximum protection for your facility.

BEFORE SELECTING A COATING SYSTEM

Consider the following factors:

- Environmental conditions and exposure
- What kind and degree of surface preparation can be performed
- The life expectancy and economics of the coating system

STEP 1: SELECT A PAINT SYSTEM

- Look for the surface that you are painting
- Identify the substrate
- Choose a system

STEP 2: REVIEW SYSTEM PROPERTIES

- Surface preparation
- Technology

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.

INDEX

Page

Wood Preparation - Interior
Wood Preparation - Exterior
Digester Area: Washing & Screening
Liquor Preparation & Storage 3

Bleach Plant / Pulp Storage
Evaporators & Recovery Boilers
Process Water Plant: Non-Immersion
Exterior Wastewater Treatment Plant 4

Interior Wastewater Treatment Plant
Maintenance Area, Shops & Warehouses
Stock Preparation
Paper Machine Room: Wet End, Dry End 5

Roll Finishing
Finished Goods - Stores
Power Plant
Control Rooms & Change Houses. 6

Surface Preparation System Selector
PPG High Performance Coatings Guide 7

SURFACE PREPARATION SYSTEM SELECTOR

| REF. # | SURFACE PREP. | DESCRIPTION |
|----------------------|---------------------------|--|
| SSPC-SP3 | Power Tool Cleaning | Power tool cleaning is a method of preparing steel surfaces through the use of power assisted hand tools. Power tool cleaning removes all loose mill scale, loose rust, loose paint and other loose detrimental foreign matter. It is not intended that adherent mill scale, rust and paint be removed by this method. Mill scale, rust and paint are considered adherent if they cannot be removed by lifting with a dull putty knife. |
| SSPC-SP6 NACE #3 | Commercial Blast Cleaning | A commercial blast cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter except for staining as noted. Staining shall be limited to no more than 33% of each square inch of surface area and may consist of light shadows, slight streaks or minor discolorations caused by stains of rust, stains of mill scale or stains of previously applied paint. Slight residues of rust and paint may also be left in the bottom of pits if the original surface is pitted. |
| SSPC-SP7 NACE #4 | Brush-Off Blast Cleaning | A brush-off blast cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, loose mill scale, loose rust and loose paint. Tightly adherent mill scale, rust and paint may remain on the surface. Mill scale, rust and paint are considered tightly adherent if they cannot be removed by lifting with a dull putty knife. |
| SSPC-SP10 NACE #2 | Near-White Blast Cleaning | A near-white blast cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter, except for staining as noted. Staining shall be limited to no more than 5% of each square inch of surface area and may consist of light shadows, slight streaks or minor discolorations caused by stains of rust, stains of mill scale or stains of previously applied paint. |

PPG HIGH PERFORMANCE COATINGS GUIDE

| PRODUCT | NAME | TYPE | USES IN THE PULP & PAPER INDUSTRY |
|---------|--|---|---|
| 95-217 | Cementitious Waterproofing Block Filler; Interior / Exterior | Epoxy ester | Sprayable cementitious filler for concrete block and other masonry surfaces. Off-white color. 60 to 80 sq. ft. / gal. |
| 97-670 | Aquapon® Zinc Rich Epoxy Primer | Polyamide cured, Organic Zinc Rich Epoxy | Organic zinc rich @ 90.2% zinc in dried film, three component. For priming blasted steel or touch-up of prepared galvanized steel. Red color. 3 to 4 mils dry film thickness. 280 sq. ft./gal @ 3 mils dry. |
| 97-673 | Metalhide® 1001 | Inorganic Zinc Rich Primer | Ethyl Silicate Zinc Rich @ 84% zinc in dried film, two component for blasted steel surfaces only. Red or green color. 2.5 to 3.5 mils dry film thickness. 434 sq. ft./ gal @ 2.5 mils dry. |
| 95-1 | Aquapon® 35 Gloss Epoxy | Polyamide cured, two component, high gloss epoxy finish | For properly prepared and primed surfaces. Comes in a full range of tint bases as well as Porcelain White and Safety Colors. 2 to 3 mils dry film thickness. 286 sq. ft./ gal. @ 3 mils dry. |
| 94-109 | Multiprime® EFD Epoxy Fast Dry Inhibitive Primer | Polyamide cured, two component, gray epoxy primer | For properly prepared steel, galvanized steel and aluminum surfaces. Has extended recoatability, an excellent choice as a shop primer prior to erection. 3 to 6 mils dry film thickness. 163 sq. ft./ gal. @ 6 mils. |
| 97-130 | Aquapon® High Build Semi-Gloss Epoxy | Polyamide cured two component intermediate / finish coat | Also used as a primer on concrete, drywall and sound plaster surfaces. White and Neutral Bases for a wide color selection. |
| 99-6639 | MegaSeal® HSPC High Solids Primer Clear | Two component, 96% solids, epoxy primer | For concrete surfaces. Used in combination with MegaSeal finishes. 7 to 9 mils dry film thickness. 200 sq. ft./ gal. |
| 99-6680 | MegaSeal® SL Self-Leveling Epoxy | Two component, 100% solids, heavy-duty epoxy | For extended service life and exceptional chemical resistance. Available in Haze Gray, Tile Red and a selection of other colors. Can be used with aggregates for additional slip resistance. 10 mils per coat. 160 sq. ft./ gal. |
| 95-132 | Aquapon® High Build Potable Water Epoxy Coating | Two component, polyamide cured, multi-purpose low sheen epoxy. | Used for lining concrete and steel potable water tanks as well as a low sheen finish coat. Available in white and light gray only, do not tint. Certified to ANSI/NSF Standard 61. NSF certification is for tanks greater than 1,000 gallon. 2.5 to 6 mils dry per coat. 12 to 24 mils total for NSF. 177 sq. ft./ gal. @ 6 mils dry. |
| 97-145 | Pitt-Guard® Direct-To-Rust Epoxy Mastic Coatings | Two component, polyamide cured primer / finish | Immersion grade tank lining with good chemical resistance. Used in place of coal tar epoxies. Available in Porcelain White and Ready Mixed colors. 5 to 7 mils dry film thickness per coat, typically two coats. 272 sq. ft./ gal. @ 5 mils dry. |
| UC65372 | Aluminum Epoxy Mastic | Two component, high-solids, high-build primer, cycloaliphatic polyamine cured | Polyamine cured for added chemical resistance. Aluminum pigmented for increased barrier protection. Especially effective in pitted areas. Aluminum color only. 5 to 12 mils dry film thickness. 263 sq. ft./ gal @ 5 mils dry. |
| 95-812 | Pitthane® Ultra Gloss Urethane | Acrylic Aliphatic Polyurethane, two component, high gloss finish coat | For exterior use where color and gloss retention, as well as chemical resistance, is required. Available in Porcelain White and bases for a wide variety of colors. 2.0 to 3.0 mils dry film thickness per coat. 564 sq. ft./ gal. @ 2 mils dry. |

Concrete & Masonry Surfaces: When coating Concrete and Masonry surfaces, surface preparation and priming procedures may change from the Systems Charts. Consult specific product data sheets or SSPC-SP 13 for guidance. Previously coated concrete floors may require complete removal to ensure proper adhesion.

BLEACH PLANT / PULP STORAGE

| AREA | CONDITION | SURFACE PREP. | PRIMER | INTERMEDIATE | FINISH |
|---|------------------|----------------|-----------------------|----------------------------|------------------------|
| Caustic Mixers Cranes & Rails Chlorinating Equipment (outside) Machinery & Motors Piping & Racks Pumps & Pads Structural Steel | New Construction | SSPC-SP6 | Multiprime EFD 94-109 | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 |
| | | | Pitt-Guard 97-145 | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 |
| | Maintenance Fair | SSPC-SP3 | Pitt-Guard 97-145 | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 |
| | | | Pitt-Guard 97-145 | Aquapon 95-1 | Aquapon 95-1 or 97-130 |
| Maintenance Poor | SSPC-SP7 | UC65372 Mastic | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 | |
| | | UC65372 Mastic | Aquapon 95-1 | Aquapon 95-1 or 97-130 | |
| Floors, Concrete | Clean | Blast or Etch | MegaSeal HSPC | MegaSeal SL 99-6680 + Sand | MegaSeal SL 99-6680 |

EVAPORATORS & RECOVERY BOILERS

| AREA | CONDITION | SURFACE PREP. | PRIMER | INTERMEDIATE | FINISH |
|-----------------------------------|------------------|---------------|------------------------|----------------------------|------------------------|
| Chip Cyclone Conveyors | New Construction | SSPC-SP6 | Multiprime EFD 94-109 | Aquapon 97-130 | Aquapon 95-1 or 97-130 |
| | | | Pitt-Guard 97-145 | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 |
| Knife Grinder Machinery | Maintenance Fair | SSPC-SP3 | Pitt-Guard 97-145 Spot | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 |
| | | | Pitt-Guard 97-145 | None | Aquapon 95-1 or 97-130 |
| Screen Feeder Structural Steel | Maintenance Poor | SSPC-SP7 | UC65372 Mastic Spot | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 |
| | | | UC65372 Mastic | None | Aquapon 95-1 or 97-130 |
| Floors, Concrete | Clean | Blast or Etch | MegaSeal HSPC | MegaSeal SL 99-6680 + Sand | MegaSeal SL 99-6680 |

PROCESS WATER PLANT: NON-IMMERSION

| AREA | CONDITION | SURFACE PREP. | PRIMER | INTERMEDIATE | FINISH |
|---|------------------|-----------------------|------------------------|------------------------|---------------------------|
| Conveyors Handrails & Grating Machinery & Motors Piping & Pumps Process Equipment Steel Tank (outside) Structural Steel | New Construction | SSPC-SP6 | Aquapon 97-670 | Aquapon HB 97-130 | Aquapon 95-1 or 97-130 |
| | | | Multiprime EFD 94-109 | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 |
| | Maintenance Fair | SSPC-SP3 | Pitt-Guard 97-145 Spot | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 |
| | | | Pitt-Guard 97-145 | None | Aquapon 95-1 or 97-130 |
| Maintenance Poor | SSPC-SP7 | UC65372 Aluminum Spot | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 | |
| | | UC65372 Aluminum | None | Aquapon 95-1 or 97-130 | |
| Tank Lining Potable | Immersion | SSPC-SP10 | Aquapon 95-132 | Aquapon 95-132 | Aquapon 95-132 (optional) |

EXTERIOR WASTEWATER TREATMENT PLANT

| AREA | CONDITION | SURFACE PREP. | PRIMER | INTERMEDIATE | FINISH |
|--|------------------|---------------------|------------------------|-----------------------|------------------------|
| Equipment Handrails Grating Machinery Piping, Racks Pumps Structural Steel | New Construction | SSPC-SP6 | Aquapon 97-670 | Aquapon HB 97-130 | Pitthane® Ultra 95-812 |
| | | | Multiprime EFD 94-109 | Aquapon HB 97-130 | Pitthane Ultra 95-812 |
| | Maintenance Fair | SSPC-SP3 | Pitt-Guard 97-145 spot | Pitt-Guard 97-145 | Pitthane Ultra 95-812 |
| | | | Pitt-Guard 97-145 | None | Pitthane Ultra 95-812 |
| Maintenance Poor | SSPC-SP7 | UC65372 Mastic spot | Pitt-Guard 97-145 | Pitthane Ultra 95-812 | |
| | | UC65372 Mastic | None | Pitthane Ultra 95-812 | |
| Tank Lining Non-Potable | Immersion | SSPC-SP10 | Pitt-Guard 97-145 | None | Pitt-Guard 97-145 |

INTERIOR WASTEWATER TREATMENT PLANT

| AREA | CONDITION | SURFACE PREP. | PRIMER | INTERMEDIATE | FINISH |
|---|------------------|---------------------|------------------------|------------------------|------------------------|
| Beams, Decking Handrails Grating Machinery Motors Piping Racks Pumps Structural Steel | New Construction | SSPC-SP6 | Aquapon 97-670 | Aquapon HB 97-130 | Aquapon 95-1 or 97-130 |
| | | | Multiprime EFD 94-109 | Aquapon HB 97-130 | Aquapon 95-1 or 97-130 |
| | Maintenance Fair | SSPC-SP3 | Pitt-Guard 97-145 Spot | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 |
| | | | Pitt-Guard 97-145 | None | Aquapon 95-1 or 97-130 |
| Maintenance Poor | SSPC-SP7 | UC65372 Mastic Spot | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 | |
| | | UC65372 Mastic | None | Aquapon 95-1 or 97-130 | |
| Tank Lining Non-Potable | Immersion | SSPC-SP10 | Pitt-Guard 97-145 | None | Pitt-Guard 97-145 |

MAINTENANCE AREAS, SHOPS & WAREHOUSES

| AREA | CONDITION | SURFACE PREP. | PRIMER | INTERMEDIATE | FINISH |
|---|------------------|---------------------|-----------------------------|------------------------|--------------------------------|
| Conveyors Handrails & Grating Machinery & Motors Piping & Pumps Process Equipment Steel Tank (outside) Structural Steel | New Construction | SSPC-SP6 | Aquapon 97-670 | Aquapon HB 97-130 | Aquapon 95-1 or 97-130 |
| | | | Multiprime EFD 94-109 | Aquapon HB 97-130 | Aquapon 95-1 or 97-130 |
| | Maintenance Fair | SSPC-SP3 | Pitt-Guard 97-145 Spot | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 |
| | | | Pitt-Guard 97-145 | None | Aquapon 95-1 or 97-130 |
| Maintenance Poor | SSPC-SP7 | UC65372 Mastic Spot | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 | |
| | | UC65372 Mastic | None | Aquapon 95-1 or 97-130 | |
| Floors, Concrete | Clean | Blast or Etch | Pitt-Guard 97-145 (thinned) | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 Stripes |

STOCK PREPARATION

| AREA | CONDITION | SURFACE PREP. | PRIMER | INTERMEDIATE | FINISH |
|--|------------------|---------------------|-----------------------------|------------------------|--------------------------------|
| Beaters Conveyors Deckers Handrails Grates Jordans Refiners Screens Structural Steel | New Construction | SSPC-SP6 | Aquapon 97-670 | Aquapon HB 97-130 | Aquapon 95-1 or 97-130 |
| | | | Multiprime EFD 94-109 | Aquapon HB 97-130 | Aquapon 95-1 or 97-130 |
| | Maintenance Fair | SSPC-SP3 | Pitt-Guard 97-145 spot | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 |
| | | | Pitt-Guard 97-145 | None | Aquapon 95-1 or 97-130 |
| Maintenance Poor | SSPC-SP7 | UC65372 Mastic spot | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 | |
| | | UC65372 Mastic | None | Aquapon 95-1 or 97-130 | |
| Floors, Concrete | Clean | Blast or Etch | Pitt-Guard 97-145 (thinned) | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 Stripes |

PAPER MACHINE ROOM: WET END, DRY END

| AREA | CONDITION | SURFACE PREP. | PRIMER | INTERMEDIATE | FINISH |
|--|------------------|----------------|-----------------------------|------------------------|--------------------------------|
| Cranes Fourdriniers Headbox Press Section Screens Frame & Hood Structural Steel Unwinder & Winder | New Construction | SSPC-SP6 | Metalhite® 97-673 | Aquapon HB 97-130 | Aquapon 95-1 or 97-130 |
| | | | Multiprime EFD 94-109 | Aquapon HB 97-130 | Aquapon 95-1 or 97-130 |
| | Maintenance Fair | SSPC-SP3 | Pitt-Guard 97-145 | None | Aquapon 95-1 or 97-130 |
| | | | Pitt-Guard 97-145 | None | Aquapon 95-1 or 97-130 |
| Maintenance Poor | SSPC-SP3 | UC65372 Mastic | None | Aquapon 95-1 or 97-130 | |
| | | UC65372 Mastic | None | Aquapon 95-1 or 97-130 | |
| Floors, Concrete | Clean | Blast or Etch | Pitt-Guard 97-145 (thinned) | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 Stripes |

ROLL FINISHING

| AREA | CONDITION | SURFACE PREP. | PRIMER | INTERMEDIATE | FINISH |
|--|------------------|---------------|-----------------------------|------------------------|--------------------------------|
| Bailing Equipment Cranes Cutters Handrails Grates Machinery Motors Pipes Racks Structural Steel | New Construction | SSPC-SP6 | Aquapon 97-670 | Aquapon HB 97-130 | Aquapon 95-1 or 97-130 |
| | | | Multiprime EFD 94-109 | Aquapon HB 97-130 | Aquapon 95-1 or 97-130 |
| | Maintenance Fair | SSPC-SP3 | Pitt-Guard 97-145 Spot | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 |
| | | | Pitt-Guard 97-145 | None | Aquapon 95-1 or 97-130 |
| | Maintenance Poor | SSPC-SP7 | UC65372 Mastic Spot | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 |
| UC65372 Mastic | | | None | Aquapon 95-1 or 97-130 | |
| Floors, Concrete | Clean | Blast or Etch | Pitt-Guard 97-145 (thinned) | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 Stripes |

FINISHED GOODS - STORES

| AREA | CONDITION | SURFACE PREP. | PRIMER | INTERMEDIATE | FINISH |
|--|------------------|---------------|------------------------|------------------------|--------------------------------|
| Conveyors Handrails Gratings Piping Racks Machinery Motors | New Construction | SSPC-SP6 | Aquapon 97-670 | Aquapon HB 97-130 | Aquapon 95-1 or 97-130 |
| | | | Multiprime EFD 94-109 | Aquapon HB 97-130 | Aquapon 95-1 or 97-130 |
| | Maintenance Fair | SSPC-SP3 | Pitt-Guard 97-145 Spot | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 |
| | | | Pitt-Guard 97-145 | None | Aquapon 95-1 or 97-130 |
| | Maintenance Poor | SSPC-SP7 | UC65372 Mastic Spot | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 |
| UC65372 Mastic | | | None | Aquapon 95-1 or 97-130 | |
| Floors, Concrete | Clean | Blast | MegaSeal HSPC 99-6639 | MegaSeal SL 99-6680 | Aquapon 95-1 or 97-130 Stripes |

POWER PLANT

| AREA | CONDITION | SURFACE PREP. | PRIMER | INTERMEDIATE | FINISH |
|--|------------------|---------------|-----------------------------|-------------------------------|--------------------------------|
| Air Coolers Boiler Shell Condensers Cranes Generators Pumps Piping Structural Steel | New Construction | SSPC-SP6 | Multiprime EFD 94-109 | Aquapon HB 97-130 | Aquapon 95-1 or 97-130 |
| | | | Pitt-Guard 97-145 | Aquapon HB 97-130 | Aquapon 95-1 or 97-130 |
| | Maintenance Fair | SSPC-SP3 | Pitt-Guard 97-145 | None | Aquapon 95-1 or 97-130 |
| | | | Pitt-Guard 97-145 | Aquapon Gloss 95-1 (Optional) | Aquapon 95-1 or 97-130 |
| | Maintenance Poor | SSPC-SP3 | UC65372 Mastic | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 |
| UC65372 Mastic | | | None | Aquapon HB 97-130 | |
| Floors, Concrete | Clean | Blast | Pitt-Guard 97-145 (thinned) | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 Stripes |

CONTROL ROOMS & CHANGE HOUSES Note: Masonry, Drywall and Plaster may be coated with Acrylic Systems where applicable.

| AREA | CONDITION | SURFACE PREP. | PRIMER | INTERMEDIATE | FINISH |
|---|------------------|----------------------------|--|-------------------|------------------------|
| Handrails, Grating, Machinery, Motors, Piping, Doors, Dividers Lockers | New Construction | SSPC-SP6 | Multiprime EFD 94-109 | None | Aquapon 95-1 or 97-130 |
| | Maintenance Fair | SSPC-SP3 | Pitt-Guard 97-145 | None | Aquapon 95-1 or 97-130 |
| | Maintenance Poor | SSPC-SP3 | UC65372 Mastic | None | Aquapon 95-1 or 97-130 |
| Masonry Surfaces | New Construction | Clean & Dry | Cementitious Block Filler 95-217 | Aquapon HB 97-130 | Aquapon 95-1 or 97-130 |
| | Maintenance Fair | Clean & Dry | Pitt-Guard 97-145 | Aquapon 95-1 | Aquapon 95-1 or 97-130 |
| | Maintenance Poor | Remove Damage, Clean & Dry | Cementitious Block Filler 95-217 to bare areas | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 |
| Drywall & Plaster | New Construction | Clean & Dry | Aquapon HB 97-130 | None | Aquapon 95-1 or 97-130 |
| | Maintenance Fair | Clean & Dry | Pitt-Guard 97-145 Test | Aquapon 95-1 | Aquapon 95-1 or 97-130 |
| | Maintenance Poor | Remove & Repair | Pitt-Guard 97-145 Test | Aquapon 95-1 | Aquapon 95-1 or 97-130 |

WOOD PREPARATION - EXTERIOR

| AREA | CONDITION | SURFACE PREP. | PRIMER | INTERMEDIATE | FINISH |
|--|------------------|---------------|------------------------|-------------------|-----------------------|
| Barking Drums Chippers Conveyors Cranes Flumes Gratings Handrails Grit Collectors Motors & Pumps Structural Steel | New Construction | SSPC-SP6 | Metalhide 97-673 | Aquapon 97-130 | Pitthane Ultra 95-812 |
| | | | Multiprime EFD 94-109 | Aquapon 97-130 | Pitthane Ultra 95-812 |
| | Maintenance Fair | SSPC-SP3 | Pitt-Guard 97-145 spot | Pitt-Guard 97-145 | Pitthane Ultra 95-812 |
| | | | Pitt-Guard 97-145 | None | Pitthane Ultra 95-812 |
| | Maintenance Poor | SSPC-SP7 | UC65372 Mastic spot | Pitt-Guard 97-145 | Pitthane Ultra 95-812 |
| | | | UC65372 Mastic | None | Pitthane Ultra 95-812 |

WOOD PREPARATION - INTERIOR

| AREA | CONDITION | SURFACE PREP. | PRIMER | INTERMEDIATE | FINISH |
|------------------|------------------|---------------|-----------------------------|-------------------|--------------------------------|
| Chip Cyclone | New Construction | SSPC-SP6 | Aquapon® 97-670 | Aquapon 97-130 | Aquapon 95-1 or 97-130 |
| | | | Multiprime EFD 94-109 | Aquapon 97-130 | Aquapon 95-1 or 97-130 |
| Conveyors | Maintenance Fair | SSPC-SP3 | Pitt-Guard® 97-145 Spot | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 |
| Knife Grinder | | | Pitt-Guard 97-145 | None | Aquapon 95-1 or 97-130 |
| Machinery | Maintenance Poor | SSPC-SP7 | UC65372 Mastic Spot | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 |
| Screen Feeder | | | UC65372 Mastic | None | Aquapon 95-1 or 97-130 |
| Structural Steel | Clean | Blast or etch | Pitt-Guard 97-145 (thinned) | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 Stripes |
| Floors, Concrete | | | | | |

DIGESTOR AREA: WASHING & SCREENING

| AREA | CONDITION | SURFACE PREP. | PRIMER | INTERMEDIATE | FINISH |
|---|------------------|---------------|-----------------------------|------------------------|--------------------------------|
| Agitators Condensers Conveyors Hoppers Pumps & Piping Strainers Structural Steel Turpentine Area | New Construction | SSPC-SP6 | Multiprime EFD 94-109 | Aquapon 97-130 | Aquapon 95-1 or 97-130 |
| | | | Pitt-Guard 97-145 | None | Aquapon 95-1 or 97-130 |
| | Maintenance Fair | SSPC-SP3 | Pitt-Guard 97-145 Spot | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 |
| | | | Pitt-Guard 97-145 | None | Aquapon 95-1 or 97-130 |
| | Maintenance Poor | SSPC-SP7 | UC65372 Mastic Spot | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 |
| UC65372 Mastic | | | None | Aquapon 95-1 or 97-130 | |
| Floors, Concrete | Clean | Blast or etch | Pitt-Guard 97-145 (thinned) | Pitt-Guard 97-145 | Aquapon 95-1 or 97-130 Stripes |

LIQUOR PREPARATION & STORAGE

| AREA | CONDITION | SURFACE PREP. | PRIMER | INTERMEDIATE | FINISH |
|------------------------|------------------|---------------|------------------------|----------------------------|---------------------|
| Agitators | New Construction | SSPC-SP6 | Aquapon 97-670 | Pitt-Guard 97-145 | Pitt-Guard 97-145 |
| | | | Pitt-Guard 97-145 | None | Pitt-Guard 97-145 |
| Handrails | Maintenance Fair | SSPC-SP3 | Pitt-Guard 97-145 Spot | Pitt-Guard 97-145 | Pitt-Guard 97-145 |
| Gratings | | | Pitt-Guard 97-145 | None | Pitt-Guard 97-145 |
| Liquor Tanks (outside) | Maintenance Poor | SSPC-SP7 | UC65372 Mastic Spot | Pitt-Guard 97-145 | Pitt-Guard 97-145 |
| Machinery | | | UC65372 Mastic | None | Pitt-Guard 97-145 |
| Piping & Pumps | Clean | Blast | MegaSeal® HSPC | MegaSeal SL 99-6680 + Sand | MegaSeal SL 99-6680 |
| Structural Steel | | | | | |



PPG High Performance Coatings

PPG Architectural Finishes, Inc.
One PPG Place
Pittsburgh, PA 15272

www.ppghpc.com

Technical Services:
1-800-441-9695
1-888-807-5123 fax
Architect/Specifier:
1-888-PPG-SPEC
International Sales:
(412) 434-2049

PPG Canada, Inc.
Architectural Coatings
4 Kenview Boulevard
Brampton, Ontario
L6T 5E4
(905) 790-5349
(877) 238-6441 fax