

## 550 Polyester Flake Lining

Updated: January 2015

### Specification Data

**Generic Type:** isophthalic polyester flake filled coating

**Description:** 550 Polyester flake lining is a two component flake filled isophthalic polyester lining. The inert flake pigments create a reinforced overlapping structure that is extremely impermeable. 550 is a high build coating and has excellent chemical resistance to petroleum products and other chemicals.

**Features:**

- High build
- chemical-resistant

**Solids Content by volume:** 85%

**Coverage:**

- 39 ft<sup>2</sup> @ 35 mil DFT achieved in two coats

Allow for loss during mixing & application.

**VOC Value:**

- 1.8 lbs/gal per EPA Method 24

### Substrate & Surface Preparation

Must be clean and dry.

**Immersion Carbon Steel:** Minimum SSPC-SP5/NACE No a White Metal. Surface profile 3 mil minimum.

**Non-Immersion Carbon Steel:** Minimum SSPC-SP3 Power tool Cleaning. For optimum performance SSPC- SP6 Commercial Blast, surface profile 1.5-3.0 Mil.

**Concrete:** Concrete ICRI CSP 3-5

### Application Equipment

**Spray Application:**

- Binks 8:1 Comet Flake line pump with Model 18NCD Gun
- Binks Catalyst Tank

**Brush & Roller:** Touch up only

### Mixing & Thinning

**Components:** Two

**Mixing:** Power mix Resin side to uniform color & consistency

**Thinning:** Not required or recommended

**Mix Ratio:** 2 oz per gallon of MEK-Peroxide Red mixed at the gun.

### Application

**Pre-application:** Flush all equipment with Acetone

**Temperature:** Application range from 50°F-90°F surface temperature. Do not apply below 50°F. Surface temperature must be 5° above the dew point.

**Method:** Apply one coat maintaining a wet edge to achieve a WFT of 18-20 Mils. Maximum performance will be achieved with two coats totaling 30-40 mils DFT.

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## Application Continued

**Inspection:** Holiday test for pinholes. Steel ASTM D5162, Concrete ASTM D4787

**Clean up & disposal:** After use immediately flush all equipment with MEK or Acetone. Dispose of all containers, solvents and unused materials in accordance with all local, state and federal regulations.

**Curing schedule:**

Times based upon 75°F

Dry to recoat: 2-3 hours

Return to service: 72 hours

Dry times are greatly affected by weather conditions and film thickness.

**Packaging & Handling:**

Unit sizes: 30 gallon drums. Catalyst sold separately

Shipping Weight: 11 lbs/gal Unit

UN Classification: UN1866, RESIN SOLUTION, CLASS 3, PGIII