

**Addendum No. 2  
For  
Spectrum Field Structural Repairs  
Clearwater, FL  
Project Number 20-0036-EN**

Date: September 11, 2020  
Subject: Addendum 2  
To: Prospective Bidders and Others Concerned

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**Questions & Responses:**

1. Do we include building material in our cost?  
**Response:** Contractor shall include all cost for labor, insurance, equipment, materials, general conditions, profit and overhead to perform the work in each bid item.
2. Do we need a bid bond?  
**Response:** Prospective Bidders include with the bid proposal a 10% bid bond of the total cost bid submitted. The bid and bid bond shall be held for 90 days from date of bid opening or award of the contract.

**Re: Coating Recommendation for Spectrum Field – Underside of Bridges by Tnemec representative.**

A difference in warranties was noted.

1. Page#9, item 14 states 2 year + 15 year with 5 year....."guarantee, vs:
2. 2. Page 31, page 1.03 A & B that states 1 year plus 10 year....

Florida Protective Coatings - Gulf Coast of Florida will provide a 15 year warrantee.

Attached are Tnemec's recommendation for the coating.



## **Coating Recommendation**

### **Spectrum Field**

### **Underside of Bridges**

#### **Substrates:**

- Galvanized corrugated steel panels
- Structural steel

#### **Surface Preparation:**

- Minimum surface preparation of bare steel or previously painted steel requires a cleanliness level as defined by SSPC-SP WJ-4/NACE WJ-4 Light Cleaning by use of Low Pressure Water Cleaning (LP WC) between 3,500 and 5,000 psi using a 0 degree rotating nozzle. If all visible contaminants, loose mill scale, loose rust and other corrosion products, and loose paint have not been removed, SSPC-SP2 Hand Tool Cleaning or SSPC-SP3 Power Tool Cleaning should be employed until the surface cleanliness definition is met.
- All surfaces must be clean, dry, and contaminant-free prior to coating.

#### **Coating System:**

- 1<sup>st</sup> Coat: Series 118 @ 6.0 – 8.0 mils
- 2<sup>nd</sup> Coat: Series 118 @ 6.0 – 8.0 mils
- 3<sup>rd</sup> Coat: Series 1071V @ 2.0 – 3.0 mils



## Coating Recommendation

### Spectrum Field

### Stairways

#### Substrate:

- Previously coated concrete stairwells.
- Steel yellow safety treads on the edges of the stairs.

#### Surface Prep:

- Metal: SSPC-SP6/NACE 3 Commercial Blast Cleaning or ISO Sa 2 Thorough Blast Cleaning with a minimum angular anchor profile of 1.5 mils.
  - Note: Commercial Blast Cleaning generally produces the best coating performance for this exposure. If conditions will not permit this, Series 205 may be applied to SSPC-SP2 or SP3 Hand or Power Tool Cleaned surfaces (SSPC Rust Grade Condition C).
- Concrete: Abrade all surfaces to completely remove the existing topcoat and all loose remaining coatings, and to provide a minimum 3.0 mil angular anchor profile to the well-adhered existing coatings. Bare concrete shall have an ICRI-CSP1-2 profile. Bare metals, both ferrous & nonferrous, are to receive a 3.0 mil angular anchor profile and be primed as soon as possible on the same day as surface preparation.
- All surfaces must be clean, dry, and contaminant-free prior to coating.

#### Coating System:

- 1<sup>st</sup> Coat (All Surfaces): Series 205 @ 3.0 – 5.0 mils, or 186 – 310 ft<sup>2</sup> / gallon.
- 2<sup>nd</sup> Coat (Concrete Surfaces Only): Series 237 @ 6.0 – 12.0 mils, or 134 – 267 ft<sup>2</sup> / gallon.
  - While 2<sup>nd</sup> Coat is wet, broadcast with 36-grit white aluminum oxide to refusal.
- Note that the 3<sup>rd</sup> coat is to be applied continuously, cutting in as you go.
- Pre-mix Series 44-600 UV Blocker into Series 290 Part A at a rate of 6 oz. per small kit.
- 3<sup>rd</sup> Coat (All Surfaces): Series 290 @ 2.0 – 3.0 mils, or about 600 ft<sup>2</sup> / gallon.
- 4<sup>th</sup> Coat (Concrete Surfaces Only): Series 290 @ 2.0 – 3.0 mils, or about 600 ft<sup>2</sup> / gallon.