



## **SUNBELT FLOORING, INC.**

### **SECTION 09780 SUNBELT 1200 - ELASTOMERIC FLOOR COATING**

#### **1.0 GENERAL**

##### **Related Documents**

General conditions of the contract, supplementary conditions and general requirements apply to all work when applicable.

##### **Uses**

**Sunbelt 1200** is a Urethane Elastomer, reinforced with a fiberglass screen mesh and sealed with a clear epoxy. Specifically designed as a highly wear resistant and skid resistant waterproof coatings, it cures to a tough elastic rubber to provide a wearing surface for pedestrians or vehicular traffic. Ideal for mechanical rooms, pool decks, parking decks, balconies and concrete floor areas that must maintain absolute integrity against water infiltration to areas below. The Elastomeric natures of **Sunbelt 1200** will prevent chipping and scratching and will bridge cracks up to 1/16” movement to maintain clean sterile environments. Exhibits excellent weathering characteristics and flexibility in temperature ranges from – 50F to 250F.

##### **Description of Work**

Work Includes: **Sunbelt System** as installed by **Sunbelt Flooring, Inc.**, including preparation and installation of the “Elastomeric Sunbelt 1200 Floor Coating” in accordance with the contract documents. The central contractor shall coordinate schedule with adequate advance notice prior to floor installation as agreed upon with **Sunbelt Flooring, Inc.**

##### **Quality Assurance**

Comply with the flooring installation and materials recommended practices for **Sunbelt Flooring, Inc.**

## Sunbelt 1200 Physical Properties

| <u>Test</u>  | <u>Typical Values</u>   |
|--|---|
| <u>Tensile Strength</u><br>Astm D-412-68   | 1,200 P.S.I.  |
| <u>Adhesion</u><br>Astm D-903  | 44 Lbs./In.   |
| <u>Elongation</u><br>Astm D-412-68   | 400% to 500%  |
| <u>Tear Strength</u><br>Astm D-624-54  | 85  |
| Hardness   | 85  |
| <u>Tabor Abrasion Resistance</u><br>Cs17 Wheels with 1,000 gram<br>Loads on each arm, 1,000 cycles |   |
| <u>Service Temperature</u>   | -50F to 250F  |
| <u>Shrinkage</u>   | Nil   |
| <u>Weight loss % by weight</u><br>14 days at 250F  | 1%  |
| <u>Chemical Resistance</u><br>Spills   | Excellent to common<br>solvents, oils, grease, salts &<br>animal refuse |
| Acid Resistance<br>Spills  | Excellent (except to Nitric &<br>Acetic Acid)                           |

### Submittals

The general contract shall submit a preliminary written guarantee from **Sunbelt Flooring, Inc., 14251 Fern Avenue, Chino, CA. 91710.** To the Architect or Owner

prior to installation, **Sunbelt Flooring, Inc.**, shall furnish written technical service reports and final written guarantee upon completion of the final floor system.

### Purchase Order

The general contractor shall furnish copies of purchase orders relating to materials and flooring to be installed in this section to the Architect, Owner or his representative prior to delivery execution.

## **2.0 PRODUCTS**

Elastomeric Floor Coating shall be **Sunbelt 1200** and installed only by **Sunbelt Flooring, Inc.** Materials shall be Sunbelt base coat applied evenly over reinforced fiberglass and Sunbelt topcoat. Any and/or all aggregates that are introduced into the system shall be clean, dry and free of contaminants. Other flooring and products will be considered only providing written approval is obtained from the architect or owner prior to bidding. All requirements in bid documents must be adhered to prior to bidding.

## **3.0 EXECUTION**

### **Preparation**

- A. All decks shall have proper drainage to avoid puddles or standing water.
- B. Concrete surfaces must be sound and free of any oil, grease or contamination. New or existing concrete surface shall be shot blasted to remove all latency. Hairline cracks need no special attention; however, those larger than 1/16" should be routed out and filled with the proper joint material.
- C. Wood surfaces over which **Sunbelt 1200** is to be installed shall be a minimum of two layers of 5/8" thick Douglas fir plywood. The top plywood sheet shall be securely nailed to the supports in a manner conforming to the code. The nails shall be either threaded or ring shank type. The plywood surfaces shall be clean, dry and free of any contaminants that might impair adhesion. All areas to receive cove base shall have solid wood backing, all drains and outlets shall be held flush with the subfloor. All openings around drains, pipes, etc., shall be solidly blocked to provide an adequate surface to receive **Sunbelt 1200**.
- D. All cracks, holes, broken and crumbling areas must first be cut out of the concrete, cleaned and repaired with sand-filled Sunbelt.
- E. Moving or settling cracks in concrete shall be cut or routed out and filled with flexible or resilient caulk and reinforced with 20 X 20 fiberglass tape.

## **Installation**

- A. Mix **Sunbelt 1200** Elastomeric Floor Coating with manufacturer's approved equipment.
- B. Apply base coat of **Sunbelt 1200** evenly over reinforced fiberglass, as recommended by a **Sunbelt Flooring** representative, to provide a waterproof membrane.
- C. Apply clean, dry aggregates to the surface of the base coat. When dry, remove excess dry aggregate by brooming clean.
- D. Topcoat of **Sunbelt** shall be applied in a manner suitable to provide an impervious, tough abrasion resistant surface. Clean, dry aggregate shall be applied evenly over topcoat while material is still tacky.
- E. No traffic shall be allowed for a minimum of twenty-four (24) hours. No movement of heavy equipment shall be allowed for a minimum of forty-eight (48) hours following completion of installation.
- F. Protection: the general contractor shall supply Barricades and precautions to allow no traffic after and during start of installation and for the cure period of the final coat.
- G. For further information contact:  
**Sunbelt Flooring, Inc.**  
**14251 Fern Avenue**  
**Chino, CA. 91710**  
**(909) 606-7623**  
**(909) 606-7685 Fax**