



SUNBELT FLOORING, INC.

SECTION 09780 SUNBELT 1200 - ELASTOMERIC WATERPROOF FLOOR UNDERLAYMENT

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 at all joints specifically designed for use as a waterproof underlayment for the Sunbelt 1100 Resinous Flooring System. This waterproof membrane can be installed either over wood or concrete. It is always recommended as an underlayment for above grade applications where waterproofing is required.

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

Property	Measuring Standard and Conditions	Results
Viscosity at 77°F (25°C)	Brookfield Viscometer (RVT)	60 ± 10 poises
Weight per Gallon		9.65 +/- 0.1 pounds
Solids Content	A.S.T.M. D-2369	91 ± 2% by weight
V.O.C. Content (grams per liter)		< = 100
Coverage Rate (56 sq. ft. per gal.)		25 mil DFT
Hardness Shore “A”	A.S.T.M. D-2240	50A – 55A
Tensile Strength (psi)	A.S.T.M. D-412	430 psi +/- 10%
Elongation (%)	A.S.T.M. D-412	700% +/- 10%
Peel Strength on Plywood	A.S.T.M. D-903	14 pli (no peel cohesive failure)
Water Absorption	A.S.T.M. D-570	<3.5% by weight
Temperature Service Range		-50°F to +200°F -45°C to +93.3°C
Moisture Vapor Transmission	A.S.T.M. E-96	1.5 perms ±0.4
Tear Resistance	A.S.T.M. D-624	58 lb/in
Bond-strength (Elcometer Pull Test)	A.S.T.M. D-4541	
Plywood		>185 psi
Concrete (Primed)		>300 psi
Shelf Life		6 months
(stored indoors @ 77°F (25°C), 50% RH in unopened containers)		

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 at all joints. 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 or diamond cup grinded 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. The top plywood sheet shall be screwed to the supports in a manner conforming to the code. 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 then reinforced with fiberglass tape.

Installation

- A. Mix **Sunbelt 1200** Elastomeric Floor Coating with manufacturer's approved equipment.
- B. Apply urethane caulking at all drains and joints and then install 4" fiberglass tape.
- C. Apply base coat of **Sunbelt 1200** evenly as recommended by a **Sunbelt Flooring** representative, to provide a waterproof membrane.
- D. Install Sunbelt 1100 Resinous Flooring System as per specification.
- E. For further information contact:
Sunbelt Flooring, Inc.
14251 Fern Avenue
Chino, CA. 91710
(909) 606-7623
(909) 606-7685 Fax
www.sunbeltflooring.com