

# versa-deck

3 step fiberglass coating



[deckcoatings.com](http://deckcoatings.com)



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3 step fiberglass coating

**FOR ALL TYPES OF WALKING SURFACES.  
NEW OR OLD.**



**Waterproof  
Weatherproof  
Extremely Tough  
Flexible  
UV Resistant  
Skid Resistant  
Fire Retardent  
20 Standard Colors  
Durable  
Non-Toxic  
Water Clean Up  
Durable  
Adheres to Most  
Surfaces**

Versa-Deck installed over existing Magnesite/Diato stairway to provide a non-skid waterproof surface and prevent annual maintenance.  
*Installed by "Actual Roofing".*

## **VERSA-DECK 3-Step Acrylic Deck Coating System:**

1) A Fiberglass mat is laid out onto the entire surface.

The 100% Acrylic Laminating Resin is rolled into the Fiberglass.

2) A 100% Acrylic Textured Basecoat is sprayed, rolled or troweled onto the fiberglass surface.

3) The 100% Acrylic High Solids Finish Resin is applied onto surface, using a roller and brush, completing the process.

City of Los Angeles General Approval # RR 25365  
For use as Class B Roofing and a Walking Deck Assembly

## **CREATING THE STANDARD**

The Versa-Deck coating system has been applied to deck and stair surfaces since the early 1980s. Versa-Deck is built using Fiberglass and High quality Acrylic Resins to provide a waterproof walking deck surface that will withstand the tests of time. You will be impressed with its ease of application (3 easy steps) and best of all, this unique coating is non-toxic and tools can be cleaned up with water. Additionally, the final barrier of the system is a 100% high solids acrylic resin color coat that incorporates UV inhibitors, making it the ideal system for the end user who does not want to perform annual re-sealing maintenance.



# PROVEN PERFORMANCE

## VERSA-DECK PERFORMANCE AS TESTED BY ICBO APPROVED LABORATORIES:

Waterproofing Test ASTM D 3393-75: 2 weeks of 1/4 in. Water pressure showed no detectable water.

Class A Fire Rating Over Non Combustible ASTM E 108

Class B Fire Rating ASTM E 108

Aging Test ASTM D 756: no signs of chalking, crazing, blistering, de-lamination or other deleterious effects.

Tensile After Aging Average. 3217 psi

Bond Strength Before Aging ASTM C 297: 110 psi concrete, 191 psi plywood.

Absorption Test ASTM D 570: Average. 4.07

2000 Hour Weatherometer Test ASTM G 23: showed no signs of cracking, chalking, crazing, blistering, de-lamination or other deleterious effects.

Tensile & Elongation Test Before Weatherometer ASTM G 23 2384: psi- 3.1% elongation.

Tensile & Elongation Test After Weatherometer ASTM G 23 23617: psi- 2.2% elongation.

Breaking Strength ASTM D 2523: max load per in of width: 74/lbs/in.

Water Vapor Transmission Test ASTM E 96-90: average 16.24 g/24 hr/square meter, range: 15.29-17.32 Permeance: g/hr- ft 2 in Hg (perms) average 2.33.

Abrasion Test ASTM D 1242: 1000 revolutions 1000 gram load 0.016 thickness loss.

Peel Strength ASTM D903-49: plywood 21-28 lbs/in concrete 18-25 lbs/in.

Concentrated Load Test 300 lb load 4 cycles. No tearing or cracking of the exterior protective coating was observed upon examination during or after loadings.



Versa-Deck over a concrete substrate to provide a non-skid surface at an amusement park. Installed by "GM COATINGS"



Versa-Deck waterproofs over an existing deck surface using a border effect. Installed by DECK-KING INC."



The Versatile Deck Coatings family of products includes: Versa-Deck Plus metal lath deck coating, Versa-Top decorative microtopping for concrete, Versa-Crete 1/4" Stamped Concrete Finish, Versa-Pox Epoxy Flooring for garages and industrial floors, Elasto-Shield waterproof & vaporproof membrane, Versa-Glaze "Wet Look" clear concrete sealer, Versa-Thane Chemical Resistant Urethane floor sealer.

Versatile Deck Coatings, Inc. specializes in the manufacture of floor coating products used on exterior and interior surfaces, new or old. Our products are tested extensively in the laboratory and proven in the field. We have an in-house lab and skilled technicians enforcing strict quality control standards. You will find that our products will perform beyond your expectations. Over 3 million square feet of Versatile Deck Coatings, Inc products are installed annually.



# COLOR SELECTIONS

Actual product color may vary slightly on account of the limitations in the printing process



**1**



Lay out a 3/4oz. non woven fiberglass mat to all areas. Bring the mat up into all railbases, coves, drains and metal flashing.

**2**



Pour the Laminating Resin onto the fiberglass, creating a 2' square puddle. Spread the Laminating into fiberglass using a 1/2" nap roller. Spread Laminating at approximately 50 sq. ft. per gallon.

**3**



Use a hopper gun or roller to apply the Textured Basecoat to surface at approximately 85 sq. ft. per gallon. Mask off all adjacent areas when spraying the texture.

**4**



Pour the Finish Resin onto the Texture and roll out using a 3/4" nap roller and a 3-4" brush to cut in edges. Spread the Finish Resin at a rate of 110 sq. ft. per gallon.

Clean up all tools with water before material dries. After material is dry use a paint stripper or throw tools away. Read and follow all instructions as listed in the VERSA-DECK instruction manual. Do not install if rain is expected before material can dry. Material dries between 1 and 4 hours on a typical 70 degree day.

**versatile**



**deck coatings inc**

1-800-535-DECK (3325)  
562-989-2499  
Fax: 562-989-3461  
www.deckcoatings.com  
2460 Lemon Ave.  
Long Beach, CA 90806

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