



AVM System 200 Elasto Deck & Pool

Decorative Deck Coating System for Concrete Slabs

Section 09960
High Performance Coatings

Product Name

AVM System 200, Elasto Deck & Pool

Manufactured by

AVM Industries, Inc.
8245 Remmet Ave, Canoga Park, CA 91304
888.414.1041 818.888.0050
www.avmindustries.com

Product Description

The Elasto Deck & Pool system is a decorative breathable cement based textured coating designed for resurfacing new and old concrete surfaces.

Where to Use

On new or existing concrete slabs. The Elasto Deck & Pool provides an exceptional non skid surface while beautifying the concrete deck. The Elasto Deck & Pool system is suitable for both residential and commercial structures and is commonly installed around pools, spas and other common traffic areas not requiring waterproofing.

Warranty

- AVM Industries will warranty the installed system for a period of five (5) years. Complete warranty and maintenance information is available upon request.
- The warranty shall not cover liability for substrate defects or deficiencies, damages or personal injury, or damage to the structure or contents.

Delivery, Storage, and Handling

- Delivery of all the Elasto Deck & Pool system materials to the job site must be in their original sealed containers and bags, with manufacturer's name and label intact.
- Handle and store containers and bags in accordance with printed instructions.
- Store at temperatures between 50°F and 90°F. Do not store materials in direct sunlight or where they may be damaged by water or rain. Bags must be kept dry!
- Keep all materials out of the reach of children.
- If irritation occurs during use, liberally flush affected areas with water. If irritation continues, see a physician immediately.

Project Conditions

- Do not apply materials at temperatures below 50°F, or if precipitation is imminent, or above 90°F if applying in direct sun light.
- Provide adequate ventilation during installation.



- Warn personnel against hazards of materials to skin and eyes.
- Protect adjacent surfaces which could be damaged during the application.
- The concrete substrate shall be properly sloped to freely drain and eliminate the ponding of water. This system cannot be built up to provide an additional drainage slope.

Inspection of Concrete Substrates

- Concrete substrate shall be clean, free of dirt, dust, oil, grease and curing agents.
- Concrete decks must comply to code and be min 2800 PSI after 28 days curing time.
- Finish shall be straight, without waviness and shall provides adequate slope for proper drainage. (Recommended: 1/4" per foot)
- Surface texture shall be rough enough for the deck and pool materials to adhere to. This may be achieved by installing the system over a broom finished cement, or through sandblasting or shard blasting the existing surfaces.
- Damaged concrete with noted prior defects shall be repaired prior to commencement of application.
- Verify that all sheet metal flashing and related accessories are properly secured and joints solidly embedded in sealant. Install edge metal where shown or required for a complete installation.

Preparation of Concrete Substrate

- Remove latency, oil, grease, curing agents, debris and other deleterious materials from surfaces scheduled to receive application. Pressure washing, and, if needed, acid washing, are highly recommended.
- Clean hairline cracks and rout cracks larger than 1/8". Prime and seal cracks and joints flush with the AVM AcriPatch 5020 in accordance with installation instructions.
- Optional: Install a 6" wide strip of the AVM Anti Fracture Membrane over all cracks.
- Just prior to beginning the installation of the deck system, thoroughly clean the areas to receive this work with a blower to remove all dust and debris from the work area.

System Application

Install the Elasto Deck & Pool in accordance with its Installation Instructions. Important Note: The following material coverages may vary based on job conditions, substrate conditions and other factors. Please read the coverage chart carefully prior to the application of the Elasto Deck and Pool system.

- Primer: Apply AVM Primer 100 to all surfaces scheduled to receive application. Apply at the rate of approximately one (1) gallon per 200-300 square feet. Allow primer to cure until dry. (approximately 15-45 minutes depending on temperature and wind conditions) Cover all primed areas with AVM Deck & Pool materials within 12 hours of initial primer application or re priming shall be required.
- Bond Coat (First Layer): Apply a thin coat (Approximately 1/16" thick) of the AVM Crete 6200 to all surfaces to receive deck material using a trowel. (Applied like slurry)
- Texture Coat (Second Layer): Apply the AVM Crete 6200 as texture, by using either a trowel or a hopper gun. If using a hopper gun, adjust the spray nozzle so that the material will match the look of the approved sample. An optional knock down finish may be created. Allow the texture to properly cure before proceeding. After curing, lightly scrape the texture with a scraper. Then thoroughly clean the deck area with a blower to remove all scraping residue.
- Top Coat Application: Apply two coats of the integral color or the clear AVM Top Coat Sealer over the cured texture. Allow sufficient drying time between coats.

Quality Control

- Visually inspect all coated surfaces to ensure a full and proper coating application, especially at corners, drainage scuppers and hard-to-reach areas.
- All unsatisfactory areas shall be repaired prior to final acceptance.

Protection of Installed Work

The completed section shall be protected from all pedestrian traffic for the first 24 hours after application and until the surface is sufficiently cured. (The amount of drying time may vary depending on temperature and humidity conditions) Typically, light foot traffic may resume after 4-6 hours.

Clean Up

Tools may be cleaned with water before resins are dry.

Maintenance

Periodic cleaning and maintenance is required. For further information, refer to the Elasto Deck & Pool maintenance instructions.

Availability and Cost

Contact AVM Industries or your approved applicator for pricing and availability.

Technical Services

Technical services are available by contacting our offices at: **888.414.1041** or **818.888.0050** or visit **www.avmindustries.com**

System Specifications

See below.

The following coverages are based on controlled tests. Actual coverages may vary.

Materials	Mixing Ratio	Makes	Coverage
AVM Primer 100			200-300 sq. ft. per gallon
AVM Crete 6200 (Slurry)	1 50 pound bag of Aggregate 200 with 1.25 gallons of additive 7400.	Approximately 4 gallons of mixed product.	80 sq. ft. (20 sq. ft. per gallon)
AVM Crete 6200 (Texture)	1 50 pound bag of Aggregate 200 with 1.0 - 1.2 gallons of additive 7400.	Approximately 4 gallons of mixed product.	200 - 250 sq. ft. (40 - 50 sq. ft. per gallon)
AVM Top Coat Sealer 1st coat			100-120 sq. ft. per gallon
AVM Top Coat Sealer 2nd Coat			150 sq. ft. per gallon

General Data - AVM System 100	
Shelf Life: (Liquids)	One year in original unopened packaging.
Storage Conditions	Store dry at 50°-90°F. If frozen, discard
Cement Color	Gray or White
Top Coat Colors	20 Standard colors Custom colors are available – Min 50 gal.

Packaging	
AVM AcriPatch 5020	2.0/5.0 gal. pails
AVM Aggregate 200	50 lb. bag
AVM Additive 7400	1.00/5.0 gal. pails
AVM Primer 100	2.0/5.0 gal. pails
AVM Top Coat 4100	2.0/5.0 gal. pails

Approximate Shipping Weights		VOC
AVM AcriPatch 5020	2.0/5.0 gal. 15/39 lbs.	46 Grams/Liter
AVM Aggregate 200	50 lbs./bag	
AVM Additive 7400	1.0/5.0 gal. 9/46 lbs.	
AVM Primer 100	2.0/5.0 gal. 18/46 lbs.	93 Grams/Liter
AVM Top Coat 4100	19/47 lbs.	85 Grams/Liter

For a complete list of details in CAD or PDF, please visit our website at www.avmindustries.com.

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