



AVM System 240 Micro Topping 240

For Concrete Floors

Section 099300 / 099400
High Performance Coatings

Product Name

AVM Micro Topping 240

Manufactured by

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

Product Description

AVM Micro Topping 240 is a thin decorative concrete coating designed for resurfacing new and old concrete surfaces. (Typically for very smooth finishes.)

Where to Use

On new or existing concrete floors. The AVM Micro Topping 240 provides a non skid surface while beautifying the concrete floor. The AVM Micro Topping 240 is suitable for both residential and commercial structures and is commonly installed in areas requiring a beautiful smooth concrete floor. Examples include restaurants, stores, showrooms, public buildings, etc.

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 AVM Micro Topping 240 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 system 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 AVM Micro Topping 240 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 AVM Micro Topping 240 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 AVM Micro Topping 240 system.

- Bond Coat (First Layer):** Apply a thin coat (Approximately 1/16" thick) of the AVM Crete 6200 to all surfaces to receive the AVM Micro Topping 240 using a trowel. (Applied like slurry as smooth as possible) Color may be added to help blending in the layers.
- AVM Crete 6240 (Second Layer):** Apply the AVM Crete 6240, by using either a trowel or special squeegee. (Integral powder or liquid coloring pigments should be added to this mix) Allow the AVM Crete 6240 to properly cure before proceeding. After curing, lightly scrape or sand the surface. Then thoroughly clean the deck area with a blower to remove all residue.
- Apply stain (If desired at this time).
- Top Coat Sealer:** Apply two coats of the recommended AVM Top Coat Sealer over the entire surfaces. 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 AVM Micro Topping 240 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 (Optional)			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 6240 (Micro Topping)	1 50 pound bag of Aggregate 240 with 1.0 gallon of clean water.	Approximately 4 gallons of mixed product.	80 sq. ft. (20 sq. ft. per gallon)
AVM Top Coat Sealer 1st coat			150+ sq. ft. per gallon
AVM Top Coat Sealer 2nd Coat			200+ sq. ft. per gallon

General Data - AVM System 100	
Shelf Life: (Liquids)	One year in original unopened packaging.
Shelf Life: (Powders)	Unlimited. If product has lumps or does not appear in good condition, discard)
Storage Conditions	Store dry at 50°-90°F. If frozen, discard
Cement Color (AVM Aggregate 200)	Gray or White
Cement Color (AVM Aggregate 240)	White
Top Coat Colors	Clear plus 30 Standard colors Custom colors are available – Call for details

Packaging		Approximate Shipping Weights		VOC
AVM AcriPatch 5020	2.0/5.0 gal. pails	AVM AcriPatch 5020	2.0/5.0 gal. 15/39 lbs.	46 Grams/Liter
AVM Aggregate 200	50 lb. bag	AVM Aggregate 200	50 lbs./bag	
AVM Aggregate 240	50 lb. bag	AVM Aggregate 240	50 lbs./bag	
AVM Additive 7400	1.00/5.0 gal. pails	AVM Additive 7400	1.0/5.0 gal. 9/46 lbs.	
AVM Primer 100	2.0/5.0 gal. pails	AVM Primer 100	2.0/5.0 gal. 18/46 lbs.	93 Grams/Liter
AVM Top Coat 4100	2.0/5.0 gal. pails	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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