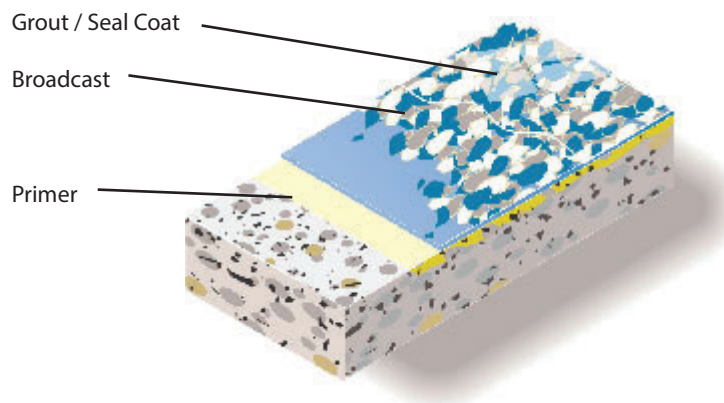




DECORATIVE MOSAIC PA COATING SYSTEM

Sherwin-Williams DECORATIVE MOSAIC PA COATING SYSTEM is a mosaic pattern floor covering. These vinyl chips are incorporated in a clear or pigmented polyaspartic and sealed with a clear, high gloss, polyaspartic finish. Its innovative base chemistry also provides tough chemical resistant protection.



20-30 mils

Advantages

- Aesthetically pleasing appearance
- Limitless color options
- Seamless
- Chemical and stain resistant
- High gloss finish

Uses

- Nursing homes and healthcare facilities
- Clean rooms and pharmaceuticals
- Office buildings
- Locker and restrooms
- Cafeterias

Typical Physical Properties

Color	Custom Color Blends Available
Abrasion Resistance ASTM D 4060, CS-17 Wheel, 1,000 cycles	63 mgs lost
Flexural Strength ASTM C 580	10,000 psi
Adhesion ACI 503R	300 psi concrete failure
Flammability	Self-Extinguishing over concrete
Impact Resistance MIL-D-3134J	Direct, inch pound greater than 160, passes Reverse, inch pound greater than 80, passes
Resistance to Elevated Temperatures MIL-D-3134J	No slip or flow at required temperature of 158°F

ASTM C = Mortar System
ASTM D = Resin only

Installation

Sherwin-Williams materials shall only be installed by approved contractors. The following information is to be used as a guideline for the installation of the [DECORATIVE MOSAIC PA COATING SYSTEM](#). Contact the Technical Service Department for assistance prior to application.

Surface Preparation — General

Sherwin-Williams systems can be applied to a variety of substrates, if the substrate is properly prepared. Preparation of surfaces other than concrete will depend on the type of substrate, such as wood, concrete block, quarry tile, etc. Should there be any questions regarding a specific substrate or condition, please contact the Technical Service Department prior to starting the project. Refer to Surface Preparation (Form G-1).

Surface Preparation — Concrete

Concrete surfaces shall be abrasive blasted to remove all surface contaminants and laitance. The prepared concrete shall have a surface profile depending upon system selected. Refer to Form G-1.

After initial preparation has occurred, inspect the concrete for bug holes, voids, fins and other imperfections. Protrusions shall be ground smooth while voids shall be filled with a system compatible filler. For recommendations, consult the Technical Service Department.

Temperature

Throughout the application process, substrate temperature should be 50°F – 90°F. Substrate temperature must be at least 5°F above the dew point. Applications on concrete substrate should occur while temperature is falling to lessen offgassing. The material should not be applied in direct sunlight, if possible. Protect material from freezing prior to installation.

Application Information — Surface Prep Profile CSP 1-3

VOC MIXED		MATERIAL	MIX RATIO	THEORETICAL COVERAGE PER COAT CONCRETE	PACKAGING
<50 g/L 0	Primer Broadcast	4850 6750/6755	2:1 To Excess	160-200 sq. ft./gal 100-200 lbs / 1,000 sq. ft.	3 or 15 gals 25 lbs.
<50 g/L	Grout/Seal Coat	4850	2:1	106-162 sq. ft./gal	3 or 15 gals
<50 g/L	Additional Coat (optional)	4850	2:1	160-200 sq. ft./gal	3 or 15 gals

For additional topcoat options consult the Sherwin-Williams Topcoat Selection Guide, or contact your Sherwin-Williams representative.

Primer

Mixing and Application

1. Add 2 parts resin and 1 part hardener by volume. Mix with low speed drill and Jiffy blade until uniform. Material can be reduced up to 10% with acetone after mixing.

2. Apply General Polymers 4850 at spread rate of 160-200 sq. ft. per gallon to yield 6-8 mils WFT using a squeegee. Back roll with a non shedding 3/8" or lower nap roller.

3. Allow material to self-level 5-6 minutes. Begin evenly broadcasting 6750/6755 Vinyl Chips into wet resin much the same as grass seed is spread. Vinyl Chips should be broadcast in such a way that the chips falls lightly into resin without causing the resin to move. Continue broadcasting to excess until the floor appears completely dry.

Note: Use dip and roll method in hot and humid conditions. Moisture in the air will accelerate the cure time. Do not exceed 10 minutes between batch to batch mixes to avoid changes at tie in. Use natural breaks to divide sections of the floor.

Required Tools: Drill, Jiffy blade, Squeegee, non shedding 3/8" or lower nap roller with solvent resistant core.

Grout/Seal Coat

Mixing and Application

1. Add 2 parts resin and 1 part hardener by volume. Mix with low speed drill and Jiffy blade until uniform. Material can be reduced up to 10% with acetone after mixing.

2. Apply General Polymers 4850 at spread rate of 106-162 sq. ft. per gallon to yield 10-15 mils WFT using a squeegee. Back roll with a non shedding 3/8" or lower nap roller.

Note: Use dip and roll method in hot and humid conditions. Moisture in the air will accelerate the cure time. Do not exceed 10 minutes between batch to batch mixes to avoid changes at tie in. Use natural breaks to divide sections of the floor.

Required Tools: Drill, Jiffy blade, Squeegee, non shedding 3/8" or lower nap roller with solvent resistant core.

Additional Coat (Optional)

Mixing and Application

1. Add 2 parts resin and 1 part hardener by volume. Mix with low speed drill and Jiffy blade until uniform. Material can be reduced up to 10% with acetone after mixing.

2. Apply General Polymers 4850 at spread rate of 160-200 sq. ft. per gallon to yield 6-8 mils WFT using a squeegee. Back roll with a non shedding 3/8" or lower nap roller.

Note: Use dip and roll method in hot and humid conditions. Moisture in the air will accelerate the cure time. Do not exceed 10 minutes between batch to batch mixes to avoid changes at tie in. Use natural breaks to divide sections of the floor.

Required Tools: Drill, Jiffy blade, Squeegee, non shedding 3/8" or lower nap roller with solvent resistant core.

Cleanup

Clean up mixing and application equipment immediately after use. Use toluene or xylene. Observe all fire and health precautions when handling or storing solvents.

Safety

Refer to the SDS sheet before use. federal, state, local and particular plant safety guidelines must be followed during the handling and installation and cure of these materials.

Safe and proper disposal of excess materials shall be done in accordance with applicable federal, state, and local codes.

Material Storage

Store materials in a temperature controlled environment (50°F - 90°F) (10°C - 32°C), and out of direct sunlight. Keep resins, hardeners, and solvents separated from each other and away from sources of ignition.

Maintenance

Occasional inspection of the installed material and spot repair can prolong system life. For specific information, contact the Technical Service Department.

Disclaimer

The information and recommendations set forth in this document are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product(s) offered at the time of publication. Published technical data and instructions are subject to change without notice.

Consult www.generalpolymers.com to obtain the most recent Product Data information and Application instructions.

Warranty

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams, NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.



To learn more, visit us at

www.sherwin-williams.com/protective

or call 1-800-524-5979

to have a representative contact you.