

ACCELERA® DECO QUARTZ DB

The following information is to be used as a guideline for the installation of the Accelera Deco Quartz DB flooring system. Contact the Sherwin-Williams Technical Service Department for assistance prior to application.

APPLICATION INFORMATION – SURFACE PREP PROFILE CSP 1-3

VOC MIXED	APPLICATION STEP	MATERIAL	MIX RATIO	THEORETICAL COVERAGE PER COAT	PACKAGING
<50 g/L	Optional Primer	Accelera 4850	2:1	200-300 sq ft/gal	3 or 15 gals
<100 g/L 0	1st Basecoat 1st Broadcast	Accelera 4850 5900F Aggregate	2:1 To excess	150 sq ft/gal 0.4 lbs/sq ft	3 or 15 gals 50 lb bag
<100 g/L 0	2nd Basecoat 2nd Broadcast	Accelera 4850 5900F Aggregate	2:1 To excess	90 sq ft/gal 0.4 lbs/sq ft	3 or 15 gals 50 lb bag
<100 g/L	Grout Coat	Accelera 4850	2:1	100 sq ft/gal	3 or 15 gals
<50 g/L	Seal Coat	Accelera 4850	2:1	150-250 sq ft/gal	3 or 15 gals

For additional topcoat options, contact your Sherwin-Williams Representative.

INSTALLATION

Sherwin-Williams High Performance Flooring materials shall only be installed by approved contractors. The following information is to be used as a guideline for the installation of Accelera Deco Quartz DB. Contact the Sherwin-Williams 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 Sherwin-Williams Technical Service Department prior to starting the project. Refer to Surface Preparation Form G-1.

SURFACE PREPARATION – CONCRETE

Concrete surfaces shall be abraded 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 Sherwin-Williams 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.

OPTIONAL PRIMER – ACCELERA DECO QUARTZ DB**MIXING AND APPLICATION**

1. Add 2 parts 4850A (resin) to 1 part 4850B (hardener) by volume. Mix with low-speed drill and Jiffy® blade for 3 minutes until uniform. To ensure proper system cure and performance, strictly follow mix ratio recommendations. Material can be reduced up to 10% with reducer 132 or Acetone after mixing.
2. 4850 may be applied via roller or brush. Apply at a spread Rate of 200-300 sq ft/gal, evenly, with no puddles. Coverage will vary depending upon porosity of the substrate and surface texture.

FIRST BROADCAST – ACCELERA 4850 AND DECORATIVE QUARTZ**MIXING AND APPLICATION**

1. Add 2 parts 4850A (resin) to 1 part 4850B (hardener) by volume. Mix with low-speed drill and Jiffy blade for 3 minutes until uniform. To ensure proper system cure and performance, strictly follow mix ratio recommendations. Material can be reduced up to 10% with Reducer 132 or Acetone after mixing.
2. Apply 4850 using a squeegee or trowel and back roll with a 1/4-in nap roller at a spread rate of 150 sq ft/gal, making sure of uniform coverage. Take care not to puddle materials and ensure even coverage.
3. Begin evenly broadcasting 5900 F (degrees) colored quartz into wet resin much the same as grass seed is spread. Colored quartz should be broadcast in such a way that the aggregate falls gently into resin without causing the resin to move. Continue broadcasting to excess until the floor appears completely dry.
4. Allow to cure for 2 hours, sweep off excess colored quartz with a stiff-bristled broom.

SECOND BROADCAST – ACCELERA 4850 AND DECORATIVE QUARTZ**MIXING AND APPLICATION**

1. Add 2 parts 4850A (resin) to 1 part 4850B (hardener) by volume. Mix with low-speed drill and Jiffy blade for three minutes until uniform. To ensure proper system cure and performance, strictly follow mix ratio recommendations. Material can be reduced up to 10% with Reducer 132 or Acetone after mixing.
2. Apply 4850 using a squeegee or trowel and backroll with a 1/4-in nap roller at a spread rate of 90 sq ft/gal, making sure of uniform coverage. Take care not to puddle materials and ensure even coverage.
3. Begin evenly broadcasting 5900F colored quartz into wet resin much the same as grass seed is spread. Colored quartz should be broadcast in such a way that the aggregate falls gently into resin without causing the resin to move. Continue broadcasting to excess until the floor appears completely dry.
4. Allow to cure for 2 hours, sweep off excess colored quartz with a stiff-bristled broom.

GROUT COAT – ACCELERA 4850**MIXING AND APPLICATION**

1. Add 2 parts 4850A (resin) to 1 part 4850B (hardener) by volume. Mix with low-speed drill and Jiffy blade for 3 minutes until uniform. To ensure proper system cure and performance, strictly follow mix ratio recommendations. Material can be reduced up to 10% with Reducer 132 or Acetone after mixing.
2. Apply 4850 using a squeegee or trowel and backroll with a 1/4" nap roller at a spread rate of 100 sq ft/gal making sure of uniform coverage. Take care not to puddle materials and ensure even coverage.
3. Allow to cure per the Product Data Sheet recoat windows (cure times vary depending on environmental conditions) before applying seal coat.

SEAL COAT – ACCELERA 4850**MIXING AND APPLICATION (DO NOT PREMIX PART B HARDENER.)**

1. Add 2 parts 4850A (resin) to 1 part 4850B (hardener) by volume. Mix with low-speed drill and Jiffy blade for 3 minutes until uniform. To ensure proper system cure and performance, strictly follow mix ratio recommendations. Material can be reduced up to 10% with Reducer 132 or Acetone after mixing.
2. Apply 4850 at a spread rate of 150-250 sq ft/gal to yield 6-10 mils WFT using a squeegee. Backroll with a non-shedding 3/8-in nap roller.
3. Allow to cure for 8 hours minimum before opening to traffic. Full chemical resistance is achieved after 3 days.

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 PRECAUTIONS

Refer to the SDS before use. Published technical data and instructions are subject to change without notice.

Contact your Sherwin-Williams representative for additional technical data and instructions.

MATERIAL STORAGE

Store materials in a temperature controlled environment (50°F-90°F) 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 Sherwin-Williams 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 offered at the time of publication.

Consult www.sherwin-williams.com/resin-flooring 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.

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THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams High Performance Flooring delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe.

United States & Canada

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