

RESUFLO AQUA DECO FLAKE SB

The following information is to be used as a guideline for the installation of the Resuflo Aqua Deco Flake SB 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	MIXED RATIO	THEORETICAL COVERAGE PER COAT CONCRETE	PACKAGING
<1 g/L	Primer	Vent-E	Premeasured Unit	200 sq ft/unit	~1.15 gal/unit
<1 g/L 0	Body Coat	Vent-E 6750/6755	Premeasured Unit To Excess	250 sq ft/unit 100-200 lbs/1,000 sq ft	~1.15 gal/unit 25 lbs
<50 g/L	Grout Coat	3461	1:2	125-250 sq ft/gal	3 or 15 gals
<50 g/L	Seal Coat	4410/4411	4:1	300-400 sq ft/gal	1.25 or 5 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 the Resuflo Aqua Deco Flake SB System. 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 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 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 off gassing. The material should not be applied in direct sunlight, if possible. Protect material from freezing prior to installation.

PRIMER**MIXING AND APPLICATION**

1. Pre-mix hardener containers prior to starting the job.
2. Combine a premeasured unit of Vent-E (hardener and resin) into a 2-gal pail. Add the hardener to the mixing pail first, taking care to scrape all material into the mixing pail. Be sure to use the kit pail to scrape the mix stick and never scrape the mix stick on the side of the mixing pail. Mix for 30 seconds using a jiffler-type mixing blade at 750 rpm.

DO NOT USE BIRD CAGE TYPE MIXER.

DO NOT DILUTE WITH WATER.

3. Pour the entire mixed batch onto the floor in a 4-6" ribbon. Use a flat squeegee to spread the material evenly across the surface at ~200 per mixed kit (8-10 mils). Cross roll the material with a 3/8" nap roller using a uniform forward and back pattern to cover the area.

For tight or more confined spaces, dip and roll applications are acceptable. Complete this work within ~15 mins. per kit (at 70°, 50% RH) Allow to cure for ~4-6 hours depending on environmental conditions.

BASE COAT**MIXING AND APPLICATION**

1. Pre-mix hardener containers prior to starting the application.
2. Combine a premeasured unit of Vent-E (hardener and resin) into a 2-gal pail. Add the hardener to the mixing pail first, taking care to scrape all material into the mixing pail. Be sure to use the kit pail to scrape the mix stick and never scrape the mix stick on the side of the mixing pail. Mix for 1 minute using a jiffler-type mixing blade at 750 rpm.

DO NOT USE BIRD CAGE TYPE MIXER.

DO NOT DILUTE WITH WATER.

3. Pour the entire mixed batch onto the floor in a 4-6" ribbon. Use a flat squeegee to spread the material evenly across the surface at ~200 per mixed kit (8-10 mils). Cross roll the material with a 3/8" nap roller using a uniform forward and back pattern to cover the area. Smaller or confined areas can be applied by dip-and-roll method using a paint roller tray.

4. 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 fall lightly into resin without causing the resin to move. Continue broadcasting to excess until the floor appears completely dry.

5. Allow to cure for 4-6 hours, sweep off excess vinyl chips with a stiff-bristled broom.

GROUT COAT**MIXING AND APPLICATION**

1. Premix 3461A (resin) using a low-speed drill and Jiffy blade. Mix for one minute until uniform, exercising caution not to introduce air into the material.
2. Add 1 part 3461A (resin) to 2 parts 3461B (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.
3. Apply 3461 using a squeegee or trowel and backroll with a 1/4" nap roller at a spread rate of 125-250 square feet per gallon making sure of uniform coverage. Take care not to puddle materials and ensure even coverage.
4. Allow to cure before applying seal coat. (Cure times vary depending on environmental conditions.)

SEAL COAT**MIXING AND APPLICATION**

1. Premix 4410/4411A (resin) using a low-speed drill and Jiffy blade. Mix for one minute until uniform, exercising caution not to introduce air into the material.
2. Add 4 parts 4410/4411A (resin) to 1 part 4410/4411B (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.
3. Apply 4410/4411 using a 1/4" nap roller at a spread rate of 300-400 square feet per gallon, evenly, with no puddles making sure of uniform coverage. Take care not to puddle materials and ensure even coverage.
4. Allow to cure 24 hours minimum before opening to light foot traffic.

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 sheet 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 (40°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.

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.

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.