

RESUFLOTM AQUA VAPOR CONTROL SYSTEM “AVC”

Sherwin-Williams Resufloor Aqua AVC is a unique, water-based epoxy applied to concrete to control moisture vapor emissions. AVC is a breathable epoxy that provides a reservoir for excessive moisture from the concrete that could cause loss of bond of thin-set epoxy terrazzo toppings. AVC is easily applied with a v-notched trowel/squeegee or roller.

BENEFITS

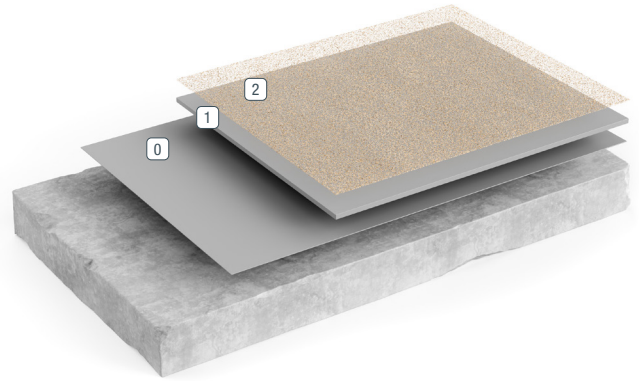
- Water-based, breathable
- Moisture insensitive
- Withstands vapor emissions

USES

- For impermeable flooring systems
- Use when moisture readings are less than 10 lbs. as measured by ASTM F1869 or less than 85% relative humidity as measured by ASTM F2170

LIMITATIONS

- Use only with Sherwin-Williams epoxy terrazzo
- Do not apply to wet surfaces (no visible water)
- Substrate must be structurally sound, dry and free of bond-inhibiting contaminants
- During installation and initial cure, cycle substrate and ambient air temperature must be at a minimum of 50°F (for lower temperature installation, contact the Sherwin-Williams Technical Service Department)
- Cure times will be extended in conditions of high humidity (>75% relative humidity); provide additional air movement and/or dehumidification
- Concrete must have an effective vapor barrier



0 Primer

2 Broadcast

1 Slurry



ABOUT CHEMICAL RESISTANCE

Sherwin-Williams High Performance Flooring offers a broad range of systems to accommodate nearly every industrial, commercial and institutional setting. Each flooring system includes a standard chemical-resistant topcoat or surface proven to perform under typical conditions.

Important considerations:

- The combination of cleaning solutions, sanitizing chemicals, processing substances and products found in any operational setting is unique.
- Knowing exactly which materials are present — as well as their concentrations and typical exposure times before cleanup — is critical for proper flooring system selection.
- During the specification process, a flooring system's standard chemical-resistant topcoat may get replaced with one better suited to unique facility conditions.

The ability of a flooring system to perform as designed relies heavily on proper selection. Matching each use case with the right chemical-resistant flooring is key to having a facility looking great and functioning at peak level over the long term.

See our Chemical Resistance Guide and other technical resources on our website. Connect with a Sherwin-Williams High Performance Flooring expert for help with specifying an optimal flooring system for your facility.

TYPICAL PHYSICAL PROPERTIES FOR AVC (3460) ONLY

Color	Off White, Medium Gray
Mix Ratio A:B	1:4
Pot Life	60 minutes
Solids, by weight	55% ± 2%, mixed
VOC (Volatile Organic Content) EPA Method 24	<50 g/L mixed; 0.41
Coverage @ 10-20 mils WFT	80-160 sq. ft.
Cure Time	Dry to Touch 4-6 hrs. Recoat 10-12 hrs. Light Traffic 18-24 hrs.
Gloss 60 Gloss Meter @ 73°F, 50% RH	< 80 millage units

ASTM D = Resin only

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

sherwin-williams.com/resin-flooring
swflooring@sherwin.com