

Single Broadcast Colored Flake System

SYSTEM DESCRIPTION

Res-Tek EPO-Guard[™] Single Broadcast Colored Flake system is a high strength, high solids, low VOC, 35-45 mil, multi-layer epoxy flooring system with decorative RT-Colored Flake Broadcast.

SYSTEM BENEFITS

- Aesthetically pleasing with many colored flake options
- Seamless surface that allows for a hygienic, easy-to-clean flooring solution
- Non-porous, waterproof surface
- Integral cove base can be formed
- Improved UV resistance
- Chemical resistant
- Abrasion resistant

SYSTEM COMPONENTS

Primer:	EPO-203
Body Coat:	EPO-203 pigmented
Grout Coat	EPO-204
Topcoat:	EPO-204
Alt. Topcoats	EPO-205 (Orange Peel) ISO-101 Polyaspartic ISO-103 High Traffic Urethane

COLOR OPTIONS

Colored flakes are available as standard or custom blends in 1/4" or 1/16" (micro-flake) sizes. It is recommended to use a minimum of three colors in your design, a base and two accent colors. Please refer to the Res-Tek Color Chart or ask your Res-Tek representative for specific color options.

PHYSICAL CHARACTERISTICS

Compressive Strength (ASTM C-579, psi): 13,000

Tensile Strength (ASTM C307, psi): 6,600

Hardness (ASTM D-2240, Shore D): 85

Abrasion Resistance (ASTM D-4060, CS-17, mg): 135

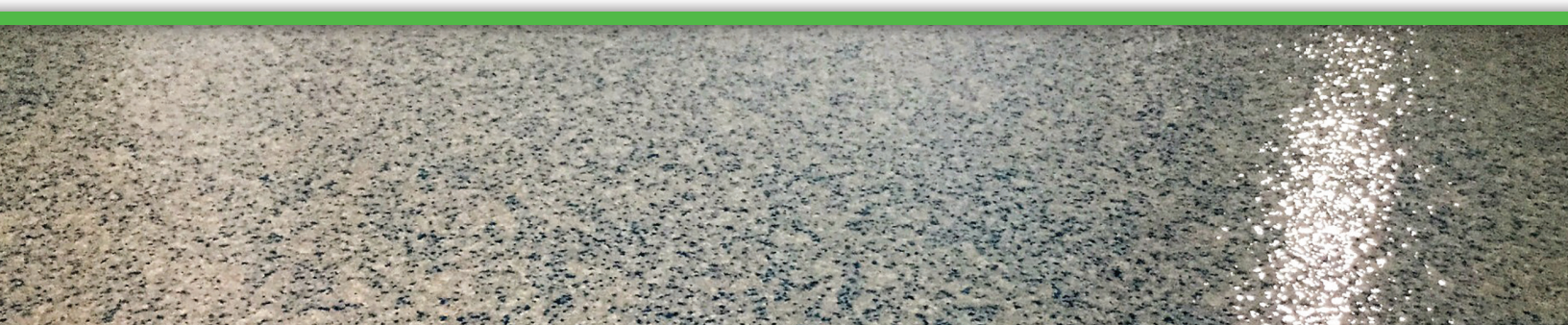
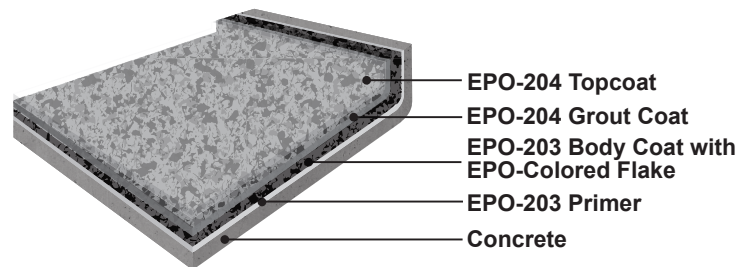
Adhesion: Exceeds the tensile/cohesive strength of concrete

Coefficient of Friction (ASTM D 2047): Meets or exceeds ADA recommendations when a slip-resistant broadcast is added

VOC Content (ASTM D-2369, Method E): EPO-203 - 0 g/l
EPO-204 - 0 g/l
EPO-205 - 0 g/l

Cure Time: Foot traffic 12hrs., full service 7 days

Installation Temperature Range: 60°F - 80°F



SLIP RESISTANCE

Flake systems have some inherent slip-resistance. Depending on the environment, different sizes and rates of aluminum oxide can be added to the system to increase slip-resistance to the desired level. Please consult your Res-Tek representative for more information.

COVE BASE

All Res-Tek floor systems can include an integral 4" or 6" cove base.

FLEXIBLE MEMBRANES

Flexible membranes are available if required. Please consult your Res-Tek representative to select specific options based on your needs.

MOISTURE MITIGATION

Additional products are required if waterproofing or moisture mitigation is needed. Please consult your Res-Tek representative for more information.

CLEANING & MAINTENANCE

Res-Tek EPO-Guard floors require little routine maintenance. No stripping or waxing is required. However, a regular cleaning schedule will increase service life and aid in maintaining aesthetics. Please refer to the EPO-Guard Cleaning & Maintenance Guide for specific instructions.

MIXING & APPLICATION

Please refer to the Product Data Sheets and Application Guide for specific instructions.



PACKAGING

Products are sold by weight, not by volume. Product properties require that containers provided are not completely filled. See price sheet for actual container weights and volumes.

STORAGE CONDITIONS

Store material in a cool and dry place out of direct sunlight. Do not store near open flame or ignition source. Read and understand all product labels and SDS sheets prior to use.

WARRANTY

Res-Tek Inc. warrants material for 1 year if used and stored in accordance with Res-Tek's specified application procedure. Res-Tek Inc. has no responsibility for application and processing of products. Joint issued warranties are available by request when a Res-Tek approved applicator is selected for installation.