

## Troweled Colored Quartz Overlay System

### SYSTEM DESCRIPTION

MAC-Guard<sup>™</sup> Troweled Colored Quartz Overlay System is a high strength, 100% reactive methyl-methacrylate based, 1/8" - 3/8" troweled overlay flooring system with decorative colored quartz.

### SYSTEM BENEFITS

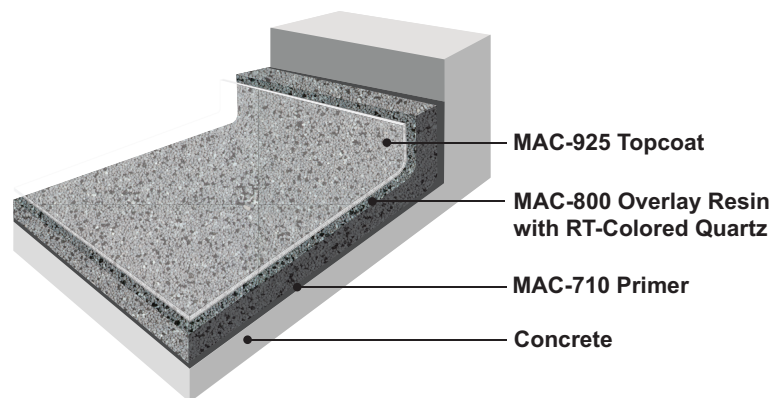
- One-hour cure reduces operational downtime
- Seamless finish that allows for a hygienic, cleanable flooring system
- Non-porous, waterproof surface
- Chemically resistant to most non-solvent based contaminants and aggressors
- Matching seamless cove base for wall protection
- UV stable for indoor or outdoor application
- Designed specifically to withstand heavy impact and traffic
- Low maintenance. Only basic cleaning required.
- Aesthetically pleasing with many colored quartz options

### SYSTEM COMPONENTS

- Primer:** MAC-710 Primer with RT-R-Component  
**Body Coat:** MAC-800 Overlay Resin with RT-Colored Quartz  
**Topcoat:** MAC-925 Topcoat

### PHYSICAL CHARACTERISTICS

- Compressive Strength (ASTM C-579, psi):** 8,000
- Tensile Strength (ASTM C307, psi):** 3,850
- Tensile Modulus (ASTM C307, psi):** 430,000
- Hardness (ASTM D-2240, Shore D):** 87
- Abrasion Resistance (ASTM D-4060, CS-17, mg):** 20
- Flexural Strength (ASTM D790, psi):** 3,500
- Coefficient of Thermal Expansion (ASTM D696, in./in./°F):** .000019
- Water Absorption (ASTM C-413, wt.%):** .05
- Water Vapor Transmission (DIN53122, g/cm-hr-mmHg x 10<sup>-9</sup>):** 1.43
- VOC Content (ASTM D-2369, Method E):** MAC-710 Primer - 48 g/l  
 MAC-800 Overlay Resin - 70 g/l  
 MAC-925 Topcoat - 70 g/l
- Cure Time:** 45-60 minutes
- Installation Temperature Range:** -15° F to 100° F



## COLOR OPTIONS

Colored quartz is available as standard or custom blends. 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.

## SLIP RESISTANCE

Quartz systems are slip-resistant by design. Adjustments can be made to the topcoat thickness to accommodate less aggressive applications.

## 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 MAC-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 MAC-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.