

## Roll-Coat Solid Color Overlay System

### SYSTEM DESCRIPTION

MAC-Guard<sup>™</sup> Roll-Coat Solid Color Overlay System is a 100% reactive methyl-methacrylate based, 60-80 mil solid color overlay system.

### 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
- No waxing required, reducing your maintenance costs

### SYSTEM COMPONENTS

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

### PHYSICAL CHARACTERISTICS

**Compressive Strength (ASTM C-579, psi):** 3,000

**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):** 50

**Flexural Strength (ASTM D790, psi):** 3,500

**Coefficient of Thermal Expansion (ASTM D696, in./in./°F):** .000019

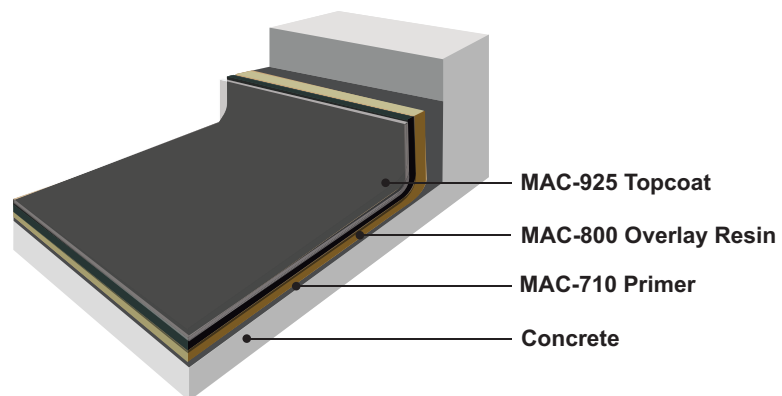
**Water Absorption (ASTM C-413, wt.%):** .05

**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

RT-Pigments are available in a variety of colors. Please refer to the Res-Tek Color Chart or ask your Res-Tek representative for specific color options.

## SLIP RESISTANCE

Aluminum oxide or industrial silica 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 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.