

## PU/MMA Pedestrian Traffic Coating System

### SYSTEM DESCRIPTION

DEK-Guard™ PU/MMA Pedestrian Traffic Coating System is a 100% reactive, methyl-methacrylate based, 70-100 mils solid color overlay system. This system is recommended for use on pedestrian walkable surfaces and other high-traffic areas where a durable, long-lasting coating is needed.

### SYSTEM BENEFITS

- One-hour cure reduces operational downtime
- Superior elongation properties allow for movement without cracking
- Extremely durable over time, protecting your investment
- Seamless finish that allows for a hygienic, cleanable coating system
- Non-porous, waterproof surface
- Chemically resistant to most non-solvent based contaminants and aggressors
- UV stable for indoor or outdoor application
- Designed specifically to withstand heavy foot traffic
- Easily repairable due to unique chemistry

### SYSTEM COMPONENTS

<b>Primer:</b>	DEK-641 with RT-R-Component
<b>Body Coat:</b>	DEK-675
<b>Wear Coat:</b>	DEK-680

### PHYSICAL CHARACTERISTICS

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

**Elongation @ Break (ASTM D638, %):** 350%

**Tensile Strength (ASTM C307, psi):** 1,500

**Abrasion Resistance (ASTM D-4060, CS-17, mg):** 50

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

**Water Vapor Transmission (DIN53122, g/cm-hr-mmHg x 10<sup>-9</sup>):** 1.43

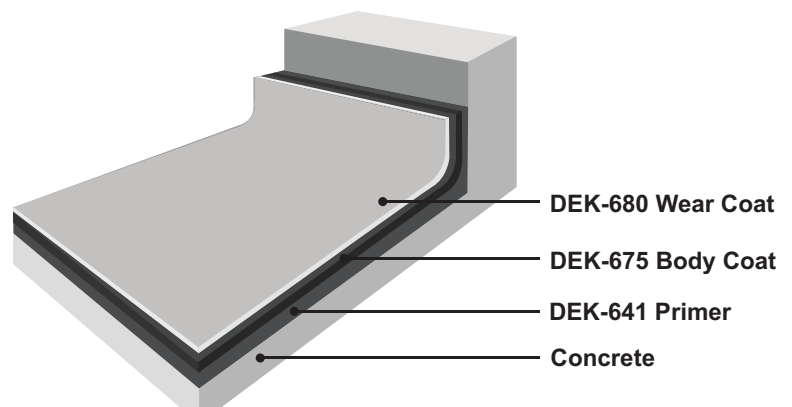
**VOC Content (ASTM D-2369, Method E):** DEK-641 Primer - 48.0 g/l

DEK-675 Body Coat - 70.8 g/l

DEK-680 Wear Coat - 95.1 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.

## 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 DEK-Guard systems require little routine maintenance. However, a regular cleaning schedule will increase service life and aid in maintaining aesthetics. Please refer to the DEK-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.