

Airports

- Runways
- Hangers
- Concourses

FLOORS THAT CURE IN ONE HOUR

OVERVIEW

With the millions of travelers and employees navigating through various areas throughout an airport each year, it is important that the floors and runways they travel on are safe, durable, and free from any defects. Res-Tek, Inc. is proud to offer our comprehensive array of flooring and runway repair solutions designed specifically to meet the intense demands of the aviation industry. Res-Tek floors and polymer concrete repairs truly protect from Aircraft and heavy machinery, as well as constant foot and luggage traffic. All this is achieved in one hour, and at temperatures as low as -15 degrees.

PRODUCT OFFERINGS

Res-Tek's line of MMA-based acrylic resin and polymer concrete flooring systems are cost effective, durable, and truly unique amongst our competitors. With methyl-methacrylate (MMA) being a key component in our acrylic flooring solutions, your operations will be up and running faster compared to other technologies. Additionally, if your facility requires minor or major crack repairs, our polymer concrete repair solutions are the perfect compliment. Res-Tek's flooring systems all work together to offer an enduring, low maintenance, attractive solution for all of your flooring needs.

Res-Tek offers a wide variety of flooring systems as well as concrete patching materials.

Self-Leveling

- Colored Flake (CF) – Provides unique visual impact with high durability. CF floors exhibit high strength and excellent resilience.
- Colored Quartz (CQ) – Well suited for areas where heavy concrete damage and mechanical or thermal shock conditions are a factor. CQ systems offer extremely high tensile strength specifically designed to withstand these factors.

Roll-On Systems – Exhibit their best performance in light industrial areas where dust control is as important as wear resistance.

Trowelable Systems – Offer enhanced performance in commercial and industrial facilities by providing protection from heavy and extreme use.

Polymer Concrete – Res-Tek's RT-05 polymer concrete can be applied in shallow and medium depth patches, underlayment, grouting, and spall repair. Additionally, it can be filled with graded aggregate for use in deep repairs.



PRODUCT FEATURES

Each Res-Tek flooring system consists of a primer, overlay resin, filler, sealer, and topcoat. Architectural and slip-resistant finishes are not only a functional, aesthetic feature, but also critical for safety. Whichever flooring system you choose, Res-Tek's various components all work together to create quality floors that proudly meet all the demands of airport flooring.

PRODUCT BENEFITS

MMA-Based Acrylic Flooring Systems:

- One-hour cure time reduces downtime for you and your operations.
- Permanently bonds to concrete substrate.
- Specifically designed to withstand heavy impact and intense traffic.
- Remarkable resistance to scratching, marring, and staining.
- Seamless finish that is UV resistant and waterproof.
- Non-porous design prevents spills from penetrating into the substructure.
- Sterilization of the surface is easily achieved.
- Resist™ anti-microbial option furthers the level of stain and odor prevention.
- NSF registered.

Cementitious Urethane Concrete Flooring:

- Heavy duty trowel, cove base, self-leveling, and topcoat.
- VOC compliant / Environmentally compatible.
- High abrasion and impact resistant.
- Slip resistant.
- Thermal shock resistant.

PRODUCT APPLICATIONS / USE

Res-Tek's MMA-based flooring systems and cementitious urethane concrete provide the top quality and aesthetics needed to create long-lasting, attractive applications in areas such as:

- Runways
- Hangers
- Shopping, waiting, and food and beverage areas
- Restroom facilities
- Concourses

When selecting a designer and installer for your flooring project, you will have peace of mind knowing that Res-Tek is the formulator and manufacturer of the quality products being used.

KEY PRODUCT SPECIFICATION / TECHNICAL INFORMATION

Res-Tek's MMA-based products are classified as "methacrylate reactive resins" based on their chemical structure. In most cases, they consist of two components – a liquid resin and a corresponding powder initiator. On site, the two elements are blended together and immediately applied to the properly prepared surfaces. Once mixed, this liquid and powder undergo what's referred to as "free radical polymerization." The liquid mixture then converts into an inert monolithic solid during the one-hour curing process. After which, the material has achieved 100% of its final physical properties and can now be placed into full-service with no extended waiting required; resulting in a smooth, seamless finish.

Res-Tek's polymer concrete is designed to mix with a specific bagged aggregate to create a trowel applied mortar. As with all of Res-Tek's products you will find the flooring result to be durable, seamless, non-porous, and easy to clean. Res-Tek, Inc. flooring systems are definitely the "cure" to all of your flooring needs!

Visit Res-Tek.net for more detailed product information, and to review the latest versions of SDS sheets.