



RES-TEK®

Acrylic Flooring & Concrete Repair Solutions

Animal Research Facilities

- Laboratories
- Vivariums
- Isolation Areas
- Clean Rooms
- Examination / Treatment Rooms
- Operating Rooms
- Kennels

FLOORS THAT CURE IN ONE HOUR

OVERVIEW

Safety must always be the first concern in laboratory building design, but in today's labs, the ability to expand, reconfigure, and permit multiple uses, while keeping operational costs down, has become a key concern. Res-Tek has taken steps to ensure your challenges are addressed. Res-Tek offers fast curing, safe, attractive, easy to clean, low maintenance, non-porous, and extremely durable reactive resin flooring systems for vivariums and the research laboratories industry.

PRODUCT OFFERINGS

Res-Tek's line of MMA-based acrylic resin flooring systems are cost effective and truly unique amongst our competitors. Methyl-methacrylate (MMA) is the key component in our floorings outstanding characteristics and properties. Res-Tek also offers PUR-Guard™ cementitious urethane flooring solutions which are designed to be the choice alternative for areas that require resistance to abrasions, thermal shock, chemical attacks, and slips and falls.

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.

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.

PUR-Guard – This self-priming system is ideal for areas that receive heavy traffic and high wear conditions.



Animal Research Facilities

PRODUCT FEATURES

Each Res-Tek flooring system consists of a primer, overlay resin, filler, and topcoat. Architectural and slip-resistant finishes are not only aesthetic features, but also functional and critical. Whichever flooring system you choose, our various components all join together to create long-lasting, attractive floors that proudly meet all the demands of the vivarium industry.

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

MMA-based flooring systems provide the high performance and aesthetics to create long-lasting, beautiful applications such as:

- Laboratories
- Vivarium
- Isolation Areas
- Clean Rooms
- Examination / Treatment Rooms
- Operating Rooms
- Kennels

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 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. All of the various properties of Res-Tek’s flooring systems work in harmony, insuring that your floors surfaces achieve the highest-level possible of durability and performance. Res-Tek’s MMA-based acrylic flooring systems are 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.