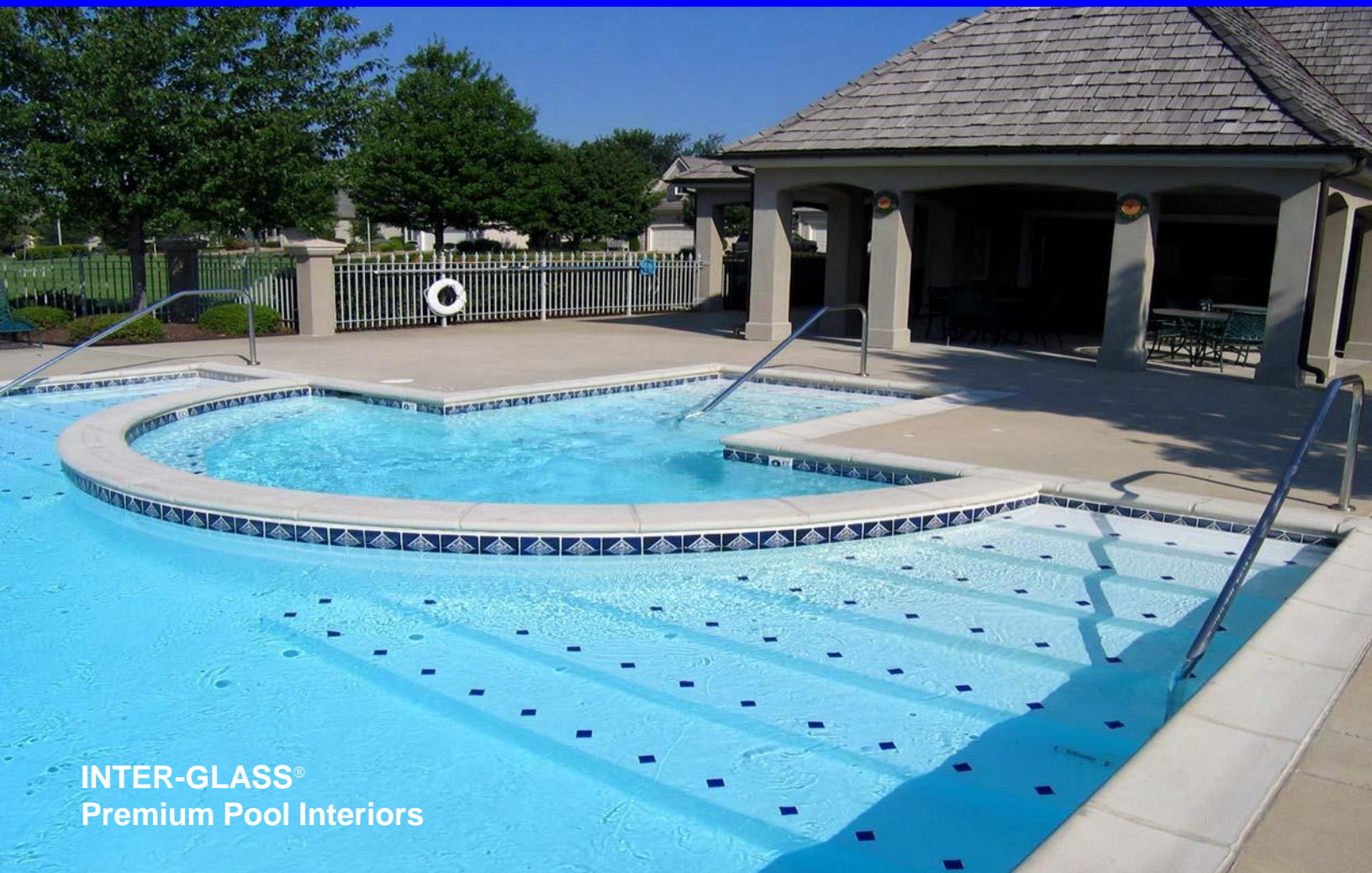


INTER-GLASS®

by Mid-America Pool Renovation, Inc.



INTER-GLASS® Premium Pool Interiors

Nearly all our projects include a new pool interior. Due to the corrosive nature of swimming pool water, the pool interior is typically what deteriorates first. We specialize in long lasting pool interior products and offer only those we can warranty will last.

A premium pool surface, INTER-GLASS® has a limited 25-year warranty on both material and installation. Compared to paint, plaster, vinyl-PVC liners, or fiberglass products, INTER-GLASS® has long-term cost benefits.

INTER-GLASS® is engineered to become part of your pool structure. It isn't a separate liner that just hangs there. INTER-GLASS® is molded and fully-bonded to become a part of your pool walls and floor, adding flexural and tensile strength. It makes your pool stronger.

Mid-America Pool Renovation, Inc. is based in Kansas City. INTER-GLASS® is engineered for the tough freeze-thaw climate as well as for indoor environments.

INTER-GLASS® comes in natural colors, poly-aggregate finishes, and gorgeous, luminescent Moon-Glo®. It is non-skid, and all steps and benches are demarked with frost-proof ceramic diamond, or solid-rowed tiling to meet State and National Safety standards.

Two key benefits of INTER-GLASS® are its ability to repair cracks and its resistance to pool chemical abuse. It is an inert surface and thus your pool water will require fewer chemicals – a health and cost advantage.

Over half our residential clients and 85% of our commercial projects choose INTER-GLASS®.

INTER-GLASS®

Strong and Flexible

Composites in the 21st Century

Because of their efficient installation, low weight-to-strength ratio, and flexural properties, composites play a larger and larger role in general, infrastructure and water containment construction and rehabilitation.

One of most famous earthquake structural repairs done with composite fiberglass technology was on the vaults supporting the ceiling and frescos at the Basilica of St. Francis of Assisi in Italy.



Composite fiberglass repairs to earthquake damage



Basilica of St. Francis of Assisi, Italy

The California Earthquake Pool

This famous INTER-GLASS® pool is a featured case study in the book *The Swimming Pool* by Tom Griffiths. A plaster pool was severely damaged by an earthquake and shifting hillside. INTER-GLASS® was installed with special methods for structural repair. It's beautiful.



The Pool Interior You Can Count On

With thirty years experience applying cement-based pool linings such as pool plaster and Pebblecrete® on pool interiors, in the early 1990's we began offering a premium process: INTER-GLASS®.

Our experience with pool surfaces and pool renovation allowed us to look at composites installation as more than just simply placing a layer of new material onto an aged surface. We knew that even the best pool products fail without quality surface preparation and attention to detail. Each type of pool construction – concrete, metal, acrylic, or molded fiberglass – requires a specialized installation process.

Benefits of choosing INTER-GLASS®

- Seals & repairs cracks
- Strength with flexibility
- Becomes part of your pool shell
- Strengthens the aging pool shell
- Seamless
- Reduces pool chemical usage
- Lowers pool maintenance
- Easy to care for
- Periodic imbalances in pool chemistry will not affect the pool surface
- Cannot shrink, crack or spall like plaster
- Cannot blister like pool paint
- Cannot tear, be punctured, or wrinkle up like vinyl-PVC liners
- PVC-FREE**
- Safe – Exceeds FDA specs for contact with food.
- Limited 25-year warranty
- Installed by a company with years of experience and a reputation for quality and service.

The INTER-GLASS® Process

The INTER-GLASS® process incorporates deep penetrating and sealing Protective Barrier System technology, along with a fully bonded, seamless closed-coat water containment system that becomes an integral part of your pool.



The first phase is the prep of your pool's interior surface. The type and extent of prep depends on the type of pool construction, condition of the pool surface, whether the pool is painted, or whether a PVC liner must be removed.

◀ **Hydro-blasting paint.**



Next cracks are repaired with the INTER-GLASS® crack repair system. We use only top-grade products and methods, including biaxial, multi-axial, and Kevlar® by Dupont fabrics with special resins for greatest strength, flexibility, and permanence.

PROTECTIVE BARRIER SYSTEM. Our penetrating Protective Barrier System bonds to and seals the pool shell. The type of resin used depends on whether the



construction is cement, metal or fiberglass. This rubber-modified Barrier System has superior elongation qualities that mold

chemically to the INTER-GLASS® resins, creating an impermeable surface that strengthens your pool shell.

The final phase is a multi-part process that ensures the surface of your pool is strong and beautiful. INTER-GLASS® gel and fabric is hand applied to ensure custom fit, strength and consistency. It chemically bonds to the penetrating resin and becomes part of your pool shell.



INTER-GLASS® - The Premium Pool Interior

We make pools beautiful again.

The INTER-GLASS® Crack Repair System

Structure cracks are ugly and expensive. Water and chemicals must be continually replaced. In addition, if not permanently repaired, cracks allow chemically treated water to reach the reinforcing steel within your pool shell. Such water intrusion causes degradation in the integrity of the pool structure and freeze / thaw damage of the concrete.



1/4" concrete crack



Crack repair with Kevlar® by Dupont and special resins

The INTER-GLASS® crack repair system incorporates biaxial, multi-axial and Kevlar® by Dupont fabrics with special penetrating resins to repair and seal structure cracks. The Kevlar® by Dupont fabrics withstand over 400,000 PSI (pounds per square inch).

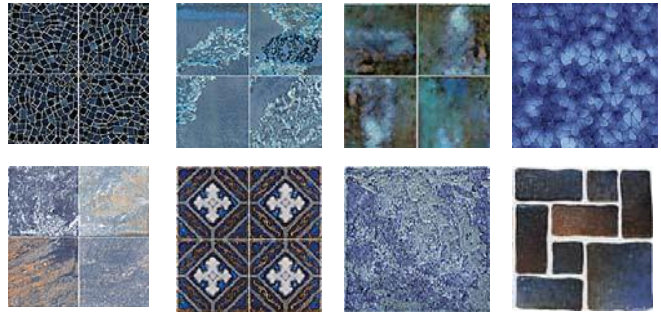
Old panel pool – or new gunite pool?



New Tile, Coping and Deck Topping

One of the most beautiful ways to update an aging swimming pool is with one of our hundreds of new frost-proof waterline tile patterns. The most economical time to install new tile is when your new pool interior is installed.

On commercial pools, we bring the pool up to national safety standards with frost proof ceramic NO DIVING and depth tile markers when the waterline tile is replaced.



Find the perfect tile pattern for your pool



Custom Cut Coping



We also re-surface chipped concrete and old kool-deck with easy-to-clean, economical, beautiful and cool-feeling **TEXTURE-DEK**.

