

Resilient, Hygienic, and Bacteria-Resistant Flooring Solutions

A Clinical Blueprint for Upstate SC Healthcare Facilities

Targeted Specifications For:

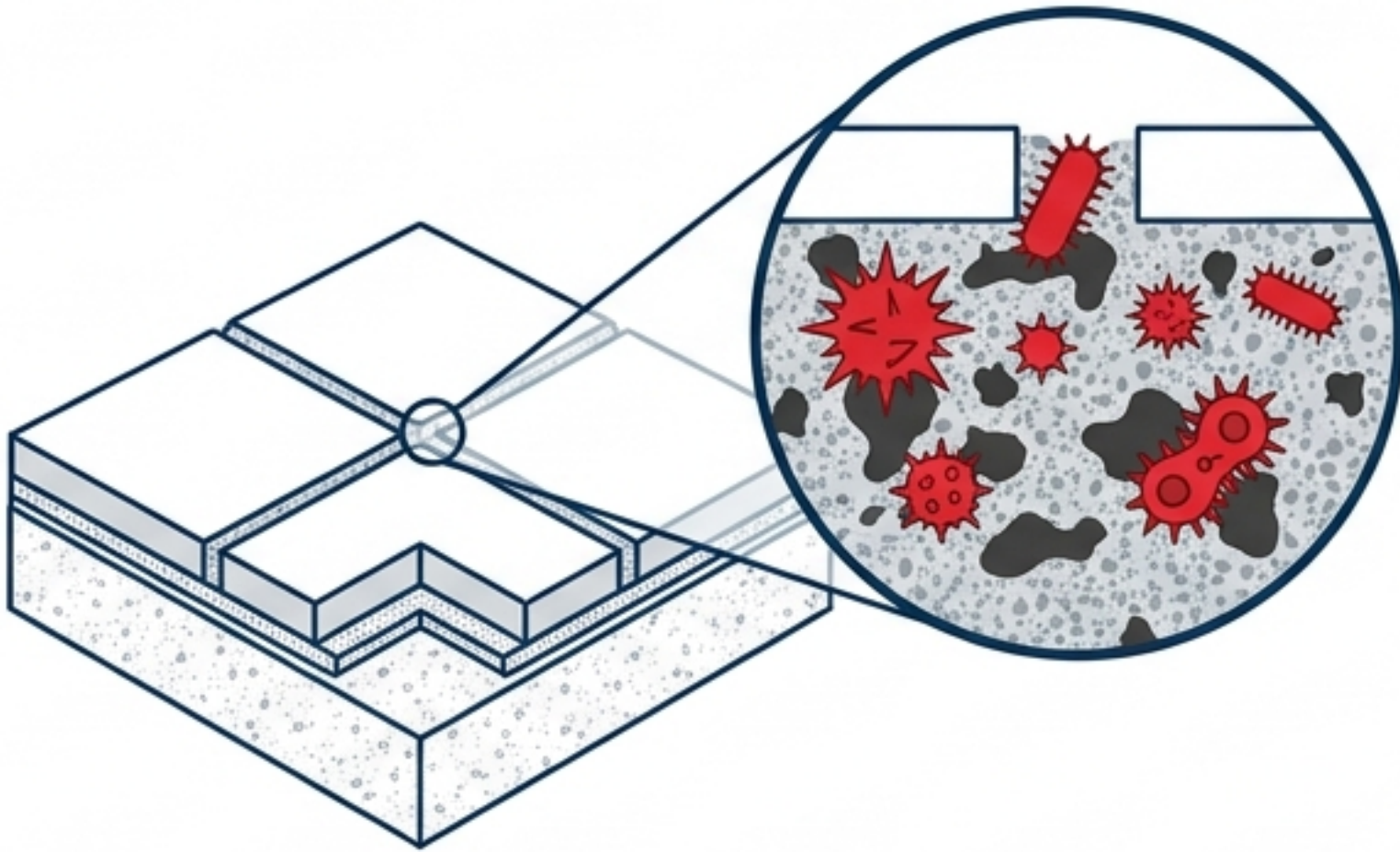
Hospital Facility Managers (Easley, SC)

Medical Office Administrators (Fountain Inn, SC)

CLINICAL FLOORING COMPARISON: INFECTION CONTROL DIAGNOSTIC

ARCHITECTURAL & MICROSCOPIC ANALYSIS OF TRADITIONAL vs. SEAMLESS RESINOUS SURFACES

TRADITIONAL TILE FLOOR: POROUS JOINTS & VULNERABILITY



Vulnerability Point: Joints and seams serve as primary vectors for hospital-acquired infections (HAIs).



SEAMLESS RESINOUS FLOOR: IMPERVIOUS CONTINUOUS SURFACE



Infection Control: 100% seamless, non-porous continuous surface eliminates gathering zones for bacteria and mold.

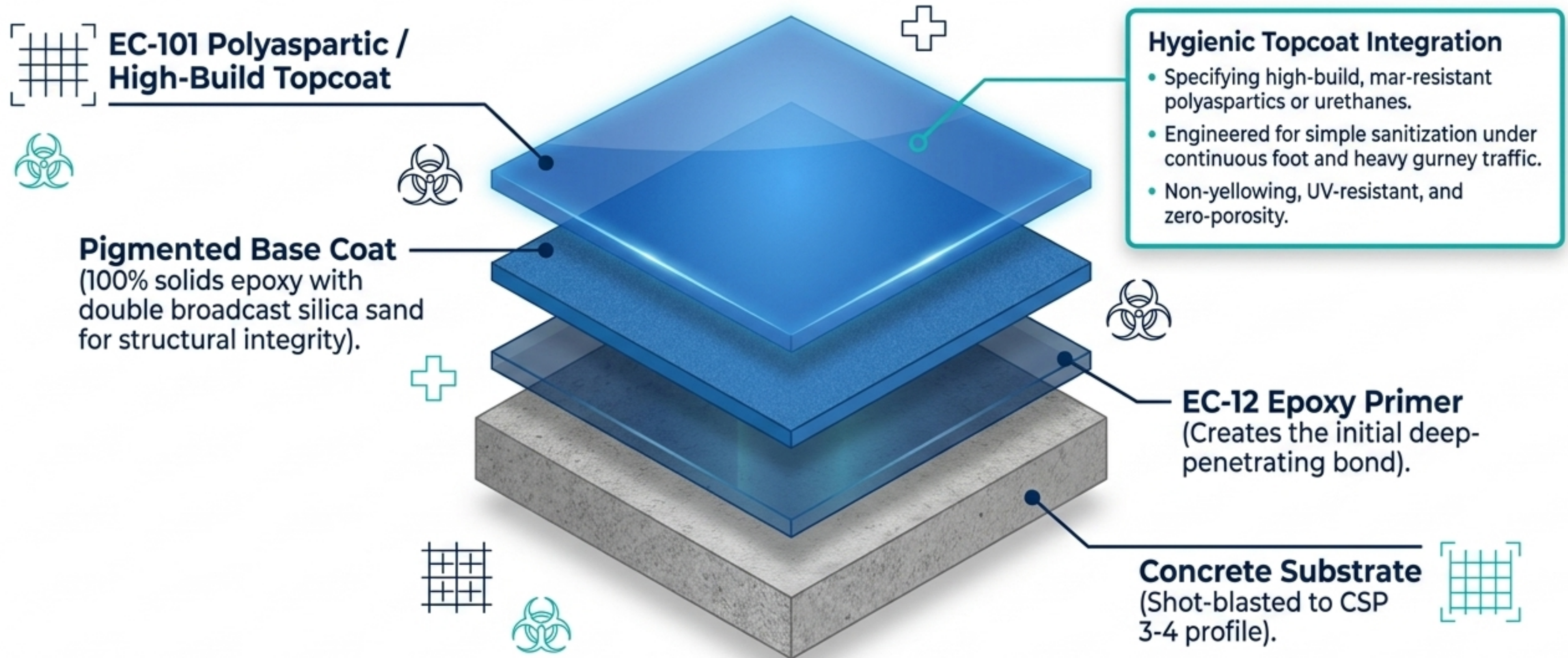


Sanitization Defense Matrix: Hospital-Grade Disinfectants

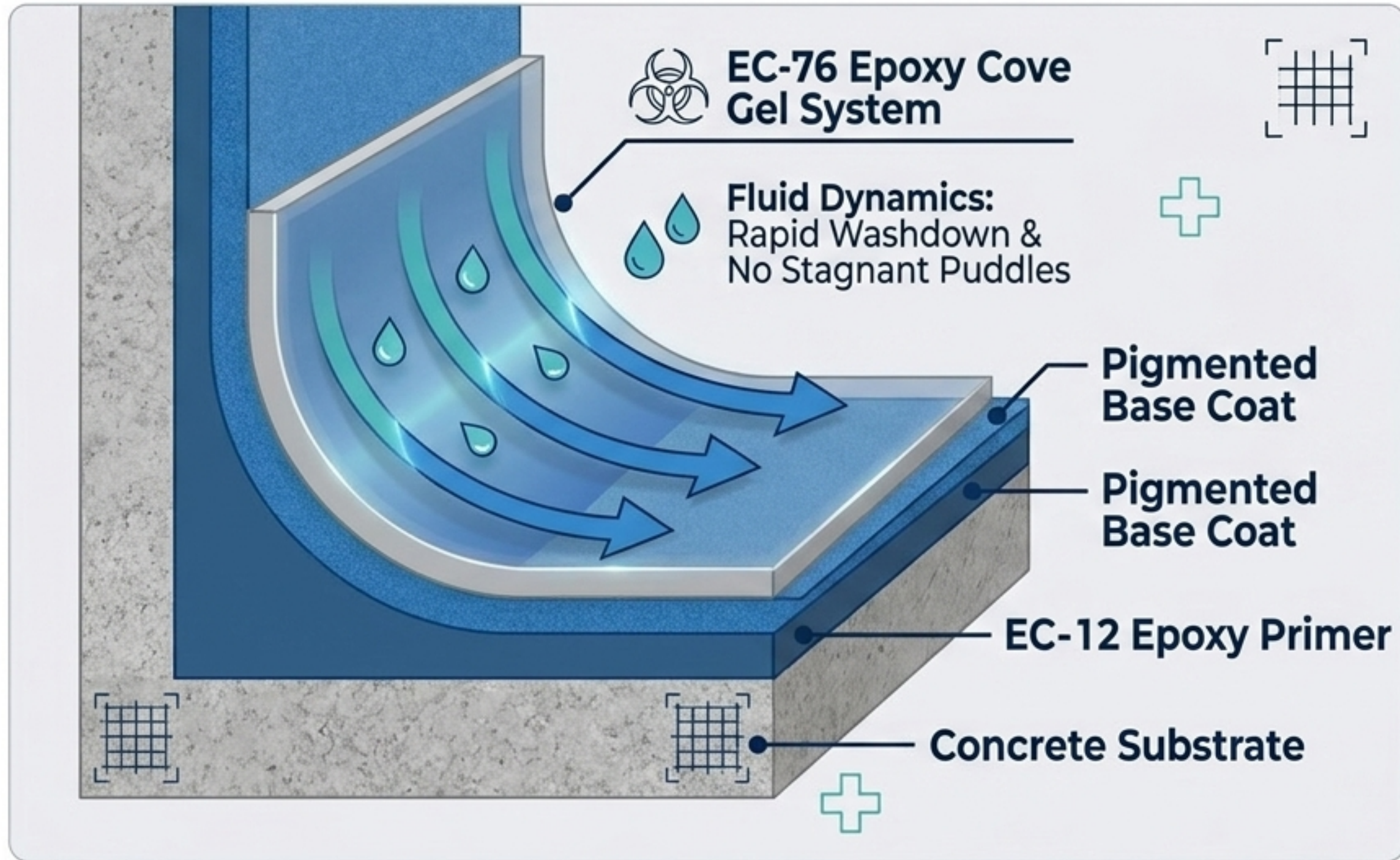
 Chemical Agent	Concentration	 72-Hour Splash & Spill	 Long-Term (LT) Exposure
Sodium Hypochlorite (Bleach)	17%		
Hydrogen Peroxide	30%		
Ammonium Hydroxide	38%		
Isopropyl Alcohol	100%		
Formaldehyde	Standard		

Key/Legend:
 **72-Hour Exposure:** Withstands splash and spill with daily clean-up.
 **LT Exposure:** Proven resistance against long-term chemical pooling without degradation of the topcoat.

ENGINEERED HYGIENIC FLOORING SYSTEM: MULTI-LAYERED STRUCTURAL BREAKDOWN



SEAMLESS INTEGRATION: SANITARY COVE BASE INTEGRATION SYSTEM



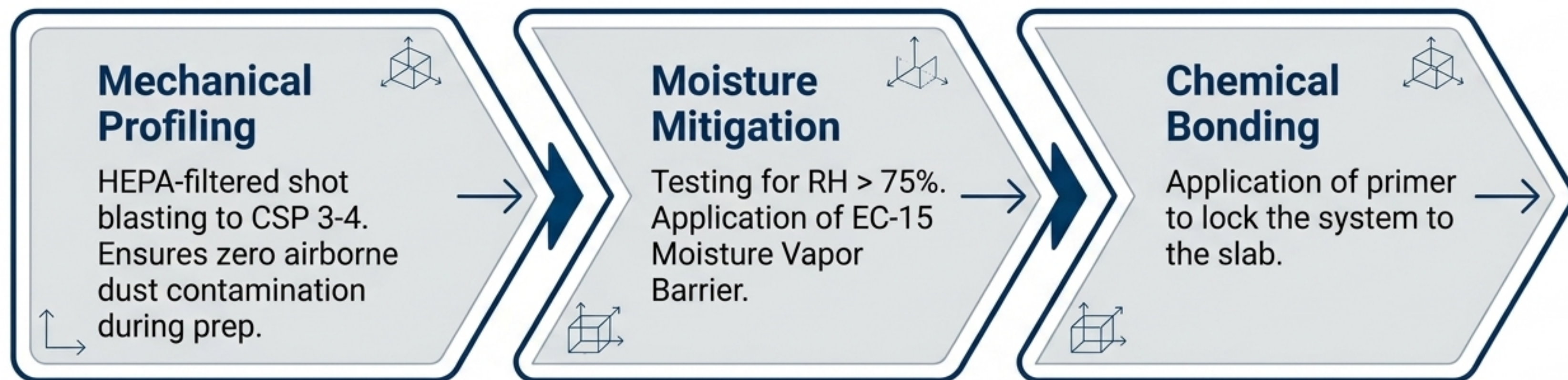
COMPONENT:
EC-76 Epoxy Cove
Gel System



SPECIFICATION:
Sanitary Cove Base
Integration

- Ensures a seamless, watertight floor-to-wall transition.
- Eliminates 90-degree dirt traps and drastically simplifies high-pressure room washdowns in critical care and surgical environments.

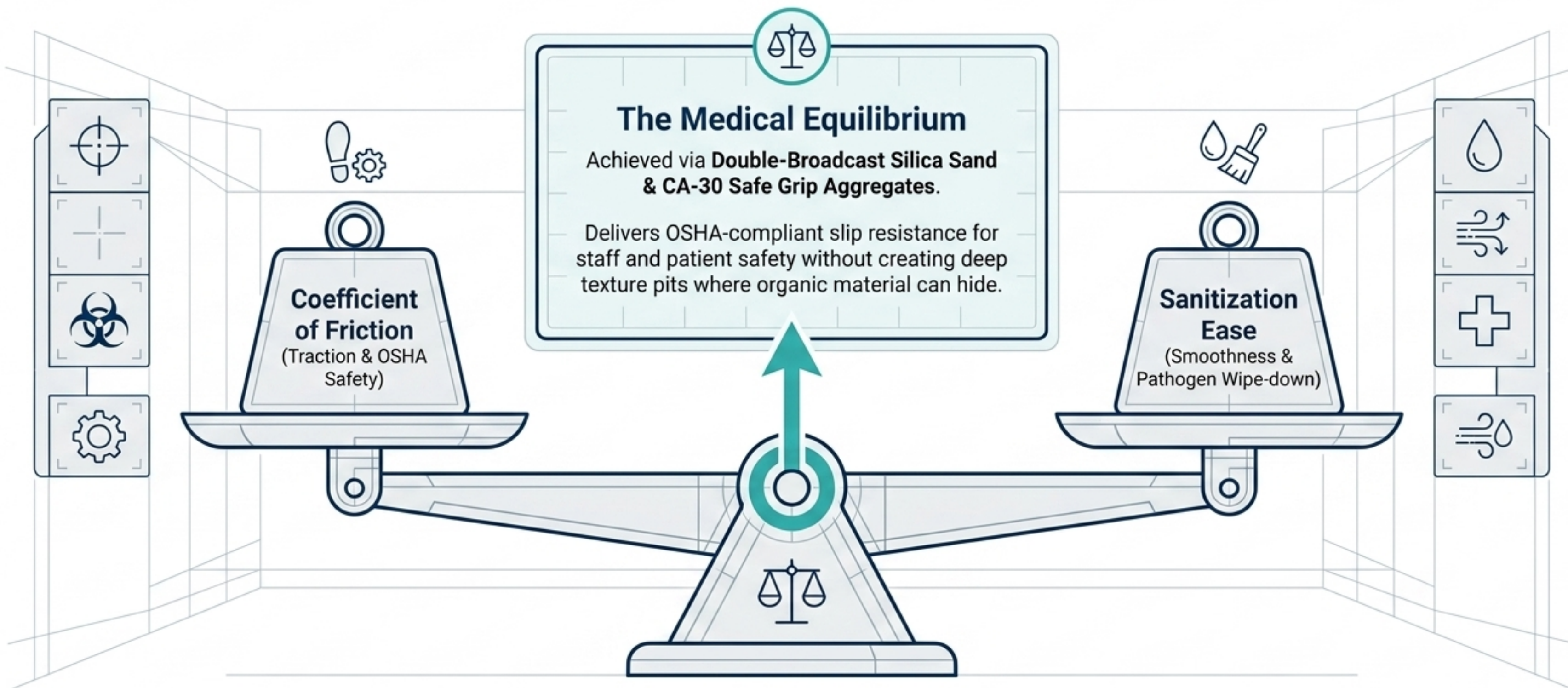
SURFACE PREPARATION & MOISTURE MANAGEMENT PROTOCOL: ENGINEERED FOR THE SOUTHEAST



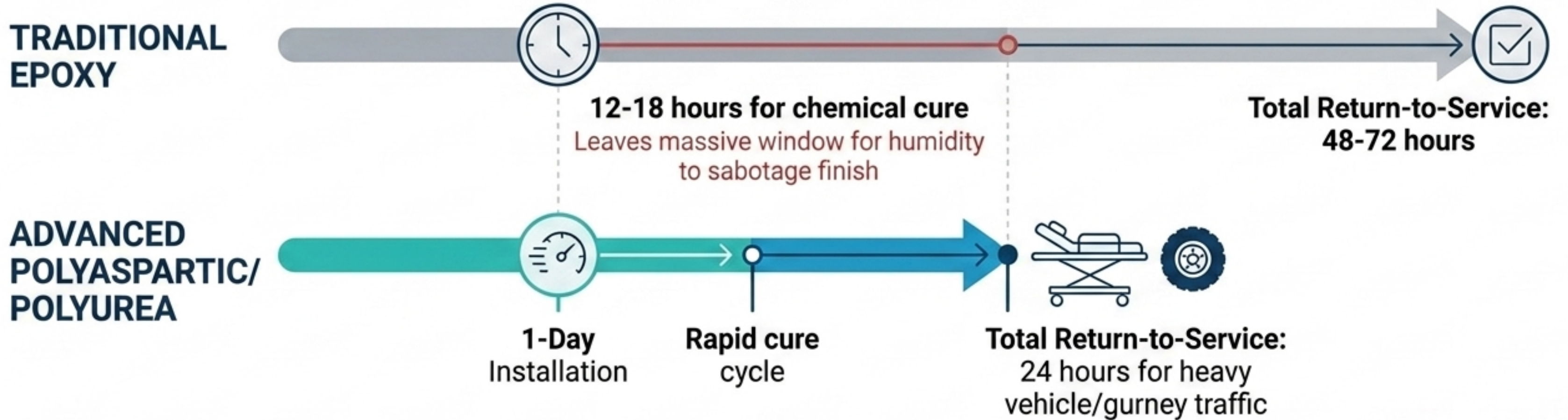
The Upstate SC Climate Challenge: High humidity and temperature spikes turn concrete slabs into vapor engines. Without our rigorous moisture mitigation and fast-curing CycloSpartic™ polyurea systems, outgassing causes traditional epoxy to bubble and delaminate.

OPTIMAL SURFACE PERFORMANCE: ACHIEVING THE MEDICAL EQUILIBRIUM

Balancing Traction, Safety, and Pathogen Wipe-down Efficiency



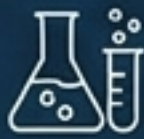
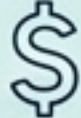
MINIMIZING DISRUPTION: COMPARATIVE INSTALLATION & CURE TIMELINES

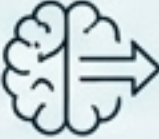


Minimizing Uptime Disruption. Fast-cure polyaspartic systems allow for one-day installations and 24-hour return-to-service for critical care areas.

COMPARATIVE FLOORING SPECIFICATION MATRIX: THE CLINICAL BLUEPRINT

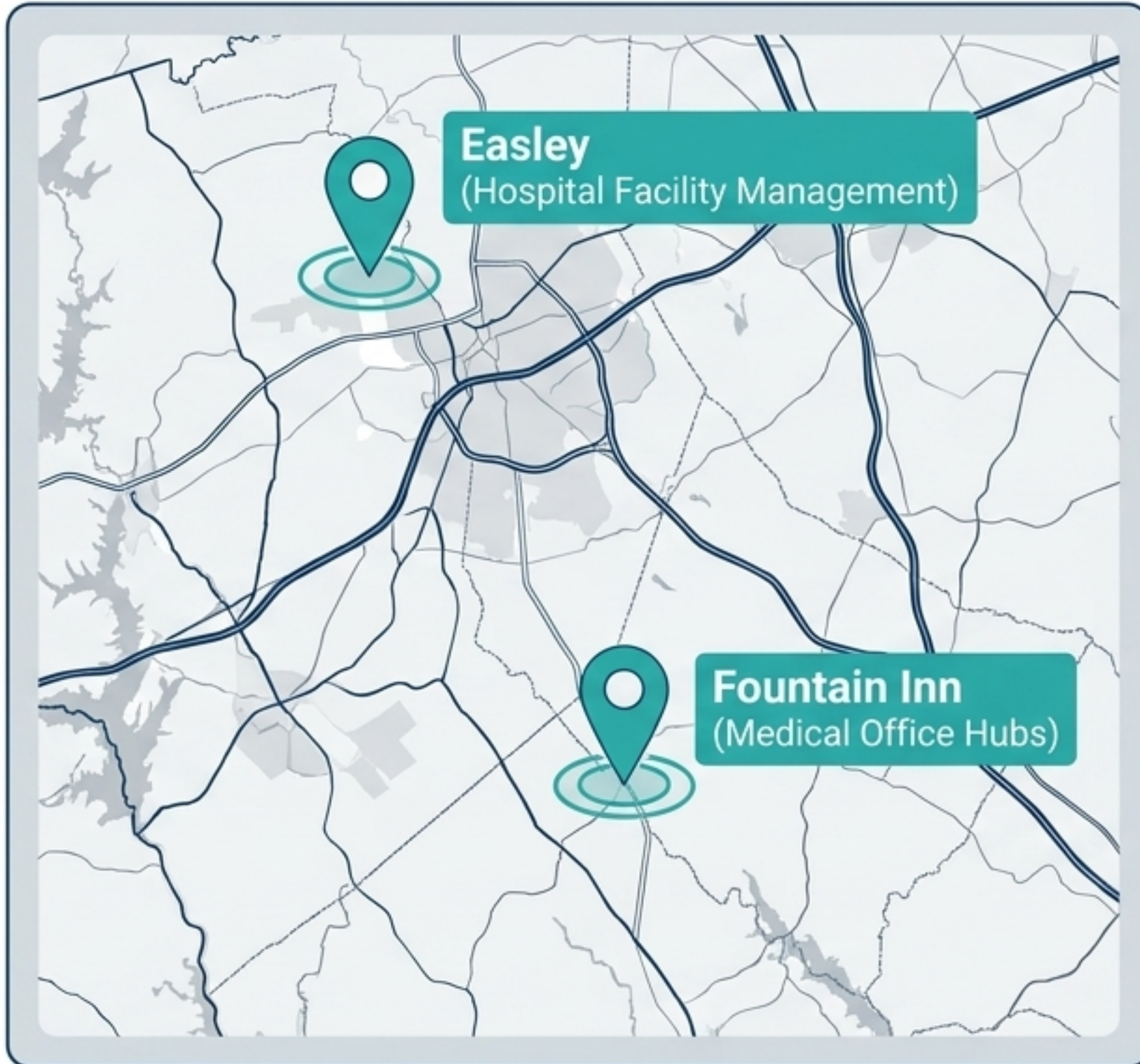
Evaluating Resinous Polyaspartic Against Traditional VCT and Linoleum

Specification	 Resinous Polyaspartic 	 VCT (Vinyl Tile)	 Commercial Linoleum
 Lifespan	10-20 Years	5-10 Years	5-15 Years
 Infection Seam Vulnerability	 ZERO (Seamless)	 HIGH (Thousands of joints)	 MEDIUM (Welded seams can fail)
 Maintenance Burden	 LOW (No waxing/stripping)	 HIGH (Requires regular waxing)	 MEDIUM
 Est. Project Cost	 \$5 - \$15 / sq. ft.	\$3 - \$7 / sq. ft.	\$4 - \$9 / sq. ft.

 **SYNTHESIS NOTE:** While initial capital expenditure aligns closely with premium linoleum, the elimination of stripping, waxing, and premature replacement yields a positive ROI within 36 months.

CLINICAL SITE EVALUATION & UPSTATE SC FOOTPRINT

Expert Consultation for Specialized Healthcare Flooring Installations



Ready for a Clinical Site Evaluation?

Trusted by commercial and medical facilities across Upstate SC. Connect with our pre-vetted, certified installation engineers for a substrate moisture test and specification briefing.

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