

# STRATASHIELD<sup>®</sup> PROTECTIVE

# FLOOR & WALL COATINGS

BRINGING PERFORMANCE TO THE SURFACE



# HIGH-PERFORMANCE COATINGS WITH AESTHETIC APPEAL

The StrataShield product line, developed by Tnemec Company, offers comprehensive, specialized floor and wall coating systems designed for a variety of environments. StrataShield products withstand physical and chemical abuse, including repeated abrasion, frequent cleanings, and

thermal shock, while providing each surface with an attractive finish. With options that are tailor-made based on project needs, these floor and wall systems are high-performance alternatives when the conditions require extra protection.

## MULTIPLE COATINGS & BENEFITS

- Chemical resistant
- Easily cleaned and maintained
- Resistant to thermal shock
- Seamless and sanitary
- Fast-cure formulas available
- Impact and abrasion resistant
- Extensive color options available
- Smooth, orange-peel, or non-slip finishes
- Low odor, low VOC and solvent-free options

## MANY UNIQUE APPLICATIONS

- Automotive facilities
- Manufacturing plants and warehouses
- Schools and educational facilities
- Hospitals and pharmaceutical facilities
- Food and beverage operations
- Athletic facilities and natatoriums





Both: Humane Society  
Lincoln, NE



## PROVEN TRACK RECORD. EXPERTISE TO GUIDE YOUR SELECTION.

Like other Tnemec products, extensive research and testing has gone into developing the StrataShield line of floor and wall systems to produce consistent products and create superior results and performance. These products demonstrate lasting protection and have extended life cycles in facilities around the globe. With stringent quality control standards, Tnemec ensures client satisfaction when StrataShield products are delivered to the jobsite.

Tnemec's experienced coatings consultants are available to assist clients with making the right selection and tailoring the best system possible for the intended environment. Known for their unmatched support, Tnemec representatives work closely with clients, providing quality consultation from project conception to completion.

right : Molex, Inc.  
Lincoln, NE



## INDUSTRIAL FLOORING SYSTEMS THAT WITHSTAND REPEATED ABUSE

Harsh industrial environments can punish unprotected concrete. StrataShield resinous flooring systems offer the necessary protection against physical and chemical abuse to extend flooring life-cycles.

StrataShield flooring systems are formulated to withstand the strains of potential thermal shock caused by hot liquid spills or high temperature wash-downs, while guarding against physical

abuse such as impact and abrasion from heavy equipment or machinery, including pallet jacks and forklift traffic.

From coating manufacturing facility floors to USDA- and FDA-regulated food processing floors, these products are designed for fast installation and quick return-to-service, limiting costly downtime while providing hard-nosed protection for years to come.

### POWER-TREAD

High-build, aggregate-reinforced epoxy broadcast, slurry, or mortar-applied floor topping systems.

### ULTRA-TREAD

Aggregate-reinforced polyurethane mortar floor topping system offering protection from thermal shock.



## *GROUND SUPPORT*

"Tnemec has always done an excellent job with deliveries, support and quality. It's invaluable to find a company that is so committed to helping us serve our clients' needs."

- JASON LEE  
President, Surface Sealers, Inc.

## **CUSTOMIZED PROTECTION. ENHANCED AESTHETIC OPTIONS.**

Your Tnemec coatings consultant can recommend the right primer, intermediate coat and topcoat, and help determine whether a thin-film coating, aggregate reinforced broadcast system or trowel-applied mortar is the most appropriate for your

needs. The various industrial systems available in the StrataShield flooring line can match the desired appearance with several finishes and a multitude of color options.

# SEAMLESS DECORATIVE FLOORING SYSTEMS FOR ADDED PROTECTION

Common floor covering options such as vinyl, tile or VCT, begin to show signs of delaminating and cracking over time, especially under heavy traffic and stress conditions.

StrataShield decorative colored quartz and flake systems create a monolithic and seamless transition from wall to

wall. With these floor topping systems, there are no unsightly grout lines, seams, or joints – places that allow liquid, dirt and contaminants to penetrate the surface and cause damage.

## SANITARY SURFACES. BENEFITS THAT SHINE.

StrataShield decorative products are easy to clean and maintain, making them suitable for the most hygienic environments. The floor's aesthetically pleasing appearance lasts even when exposed to repeated wear or frequent cleaning. These resinous flooring systems reinforced with

aggregate, ceramic quartz or vinyl flakes, are available in 12 standard colors or customers can mix and match aggregate or flake to design a custom look. A variety of textures and finishes can also be created based on the desired balance of skid resistance and cleanability needed.

### DECO-TREAD

Colored, quartz-filled epoxy that holds up to impact, abrasion, chemicals, and frequent cleanings.

### DECO-FLECK

Aesthetically pleasing decorative flake-filled epoxy for durable, long-lasting performance.



below: Frank Ancona Honda  
Olathe, KS

## *APPEALING APPLICATION*

"My applicators prefer StrataShield decorative flooring because it's so user-friendly, easy to apply, and we like the beautiful appearance. Temec's products really make us look good."

– DAVE SCHLOEGEL  
President, Epoxy Coating Specialists



## STRANLOK

Fiberglass-reinforced epoxy wall coating systems offering durable, seamless protection.

# FIBER-REINFORCED STRANLOK WALL SYSTEMS FOR WASHABLE PROTECTION

Stranlok monolithic wall systems provide entire rooms – labs, operating rooms, bathrooms and hallways – with high-performance protection while helping to keep sanitary environments spotless and sterile.

Stranlok wall systems come in two durable options. One utilizes a spray-applied, high-build epoxy coating containing pre-mixed reinforcing

fibers that interlock when sprayed to enhance structural film integrity and durability. The other system, Stranlok ML (mat layup) features a fiberglass-reinforced mat embedded in a layer of tough epoxy, resulting in similar protective properties, but with a smoother finish. Both Stranlok systems provide resistance to physical and chemical abuse, and protect walls against impact, abrasion and repeated exposure to chemicals and rigorous cleaning routines.

For an even higher level of performance, Stranlok can be combined with various Tnemec flooring systems to form a seamless, cleanable transition from floor to wall. The resulting area is designed to withstand frequent wash downs and protect against mold, bacteria, or microorganism infiltration, creating a bathtub effect for rooms that must maintain cleanliness, such as bioscience laboratories, hospital operating rooms, or food and beverage processing facilities.







## *BEAUTIFUL SOLUTION*

“Thanks to Tnemec, we can provide a solution for any of our customers’ flooring problems. We will continue to use the StataShield line of products as they can handle the most abusive environments but still provide a decorative finish that our clients will be 100% satisfied with.”

– MILT WALKER  
President, Sunbelt Flooring Inc.

Both: Pinnacle Bank Arena  
Lincoln, NE

# EXCELLENT PRODUCT CHARACTERISTICS AND KNOWLEDGEABLE CONSULTATION

Besides a finish that resists impact, abrasion and chemical attack, many of StrataShield's advanced formulations are high-solids, low odor, and low VOC, making them suitable and applicable in or near occupied spaces. From LEED-focused architectural projects to more severe processing and manufacturing settings, the assorted systems available in the StrataShield lineup can be combined and tailored based on the exposure conditions.

Regardless of project location, Tnemec coating consultants are available from product selection through product application, ensuring the right systems are installed to meet the client's needs. Consult your Tnemec representative for a recommendation regarding the best coating system for your project.

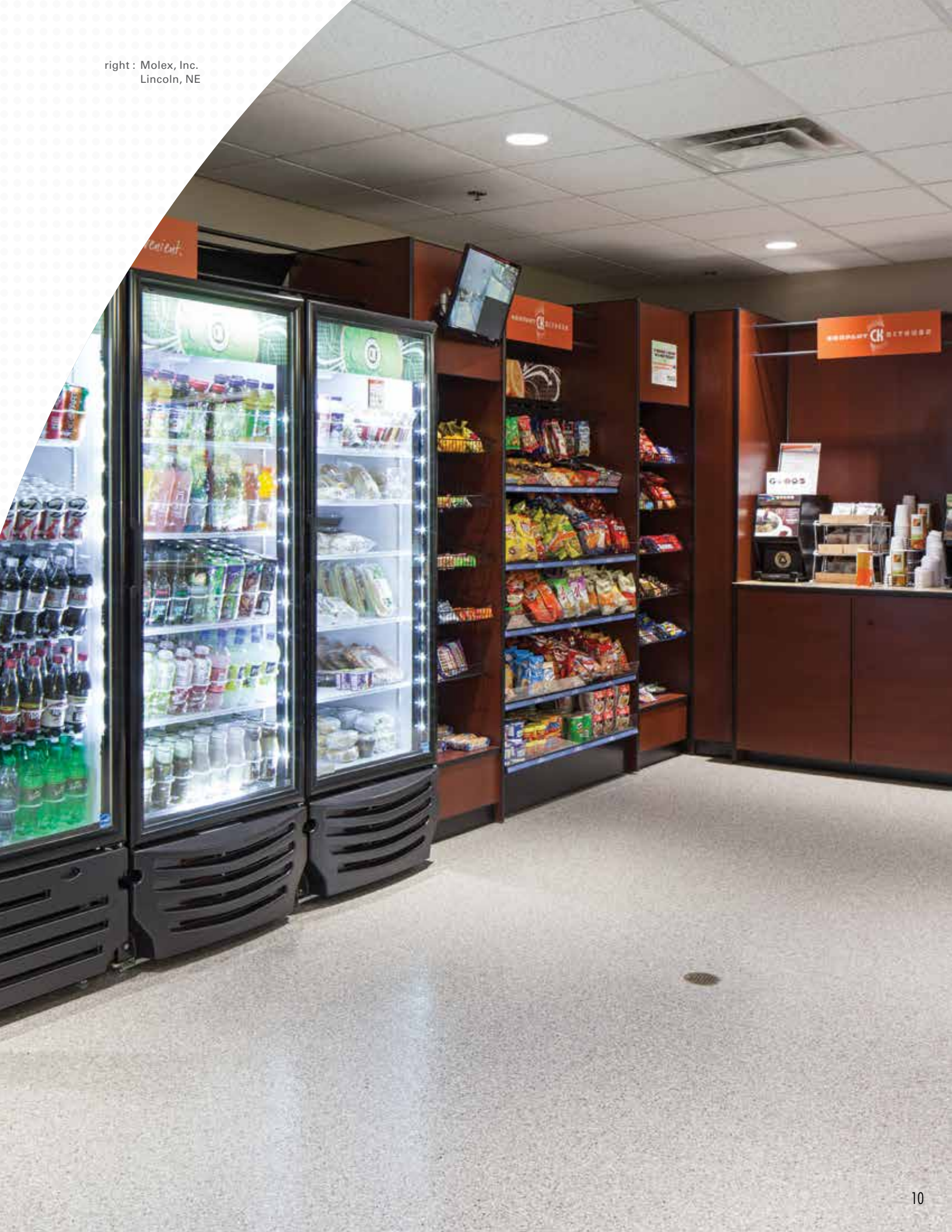
## FORMULA FOR SUCCESS

"Tnemec products are excellent – fast shipping, great quality control, plus our field techs love them, and that equates to premium results. Our projects are a partnership between us and the coatings manufacturer. It's a formula that's served us well over the years."

– MARK CHARPENTIER  
President, Technicote Industrial Coatings



right : Molex, Inc.  
Lincoln, NE





*INNOVATION IN EVERY COAT™*

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