



Advanced Floor Technology
Durable. Dependable. Distinctive.





Areas faced with heavy foot traffic and rigorous cleaning on a daily basis not only need a protective flooring system but a visually appealing one as well, such as this decorative flake system.

Cover: Rooms experiencing the daily wear and tear of office life require a flooring system that can stand up to such abuse but still remain aesthetically appealing, such as this decorative quartz system.

StrataShield. Durable flooring for every industry.

You need a floor that's tough but attractive. A floor that can endure the constant traffic of a downtown city hospital and the daily cleaning of a grade school cafeteria—and still look great at the end of the day. You need StrataShield from Tnemec. StrataShield offers resinous floor and wall coatings for every industry—from automotive showrooms to food and bottling plants to pharmaceutical laboratories. So whether you demand added protection, enhanced cleanability or a floor that's visually appealing, StrataShield has a complete line of products—and a network of highly trained representatives—to meet all your needs. For complete product details, see pages 10-11.



For more than 80 years, Tnemec has successfully maintained a leadership position in the coatings industry and continues to protect, enhance and beautify structures all over the world. StrataShield, the flooring division of Tnemec, brings the same expertise to floors and walls.

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Constantly exposed to damaging environments, the showrooms and work areas of automotive facilities require protective, easy-to-clean flooring systems.

StrataShield. Protective flooring for every industry.

Highly resistant to chemicals, abrasion and impact, StrataShield flooring systems can withstand the constant abuse floors often encounter — be it the hot liquids spilled in processing plants or the heavy traffic in automotive repair facilities. StrataShield flooring systems can also endure high pressure cleaning and scrubbing, making them ideal for use wherever a clean environment is required.

The following StrataShield flooring products are excellent for use in automotive facilities, warehouses, food processing and manufacturing plants or wherever chemical, abrasion and impact resistance are needed. A variety of finishes, such as smooth, orange-peel or non-slip, can be tailored for the intended environment. Contact your Tnemec/StrataShield representative for detailed system information and recommendations.

THIN-FILM COATINGS

Offered in smooth or orange-peel finishes in a multitude of colors, the following products protect, beautify and enhance the cleanability of concrete substrates:

Series 280, 281 & 282 Tnemec-Glaze
Series 290 & 291 CRU

SELF-LEVELING AND BROADCAST TOPPINGS

Aggregate-reinforced products for areas that encounter moderate physical abuse:

Series 210 Even-Flow SL®
Series 237 Power-Tread®
Series 238 Power-Tread® FC
Series 239 ChemTread®

MORTAR TOPPINGS

Aggregate-reinforced products for areas that encounter severe physical abuse and impact:

Series 237 Power-Tread
Series 238 Power-Tread FC
Series 239 ChemTread

For complete product details, see pages 10-11.



The Palatine Fire Station in Palatine, IL, needed a flooring system that could resist plasticizer migration — the process by which floors are stained with black tire markings leaving unsightly paw printing in the surface — a very common occurrence in fire stations. To protect the floors, this StrataShield system was selected —

Primer: Series 201 Epoxoprime
Intermediate Coat: Series 222 Deco-Tread
Topcoat: Series 284 Deco-Clear
Finish Coat: Series 295 Clear CRU

INDUSTRIAL FLOORING FEATURES:

- Smooth, orange-peel and non-slip finishes
- Chemical and stain resistant
- Easy to clean and maintain
- Light reflective sheen
- Enhanced durability
- Quick return-to-service time

1. Constantly evaluating its systems for efficiency and performance, the Tampa Bay Water Treatment Plant in Florida demands flooring that protects against chemicals used in water treatment processes, such as this from StrataShield — **Primer:** Series 201 Epoxoprime, **Finish:** Series 280 Tnemec-Glaze. **2.** The Signature Flight Hangar in Austin, TX, required flooring that would withstand heavy aircraft loads, resist oil and gas spillage and maintain a beautiful appearance, such as this system from StrataShield — **Primer:** Tnemec Series 66 Hi-Build Epoxoline, **Topcoat:** Series 291 CRU.



StrataShield seamless and monolithic floor coatings, such as this decorative quartz system, are easy to clean and maintain, making them ideal for sanitary environments.

StrataShield. Decorative flooring for every industry.

Not only do StrataShield flooring systems provide resistance to chemicals, abrasion and impact, they are also available in a variety of decorative quartz and vinyl flake options—ideal for when a floor that's both durable and visually appealing is needed. Whether it's a trauma center, a high school locker room or a veterinary clinic, StrataShield flooring systems offer unbeatable performance and a beautiful finish that lasts for years.

The following StrataShield flooring products are excellent for use in educational, correctional, healthcare and commercial facilities or wherever a seamless and easy-to-clean floor is desired. A variety of finishes, such as smooth, orange-peel or non-slip, can be tailored for the intended environment. For detailed system information and recommendations, contact your Tnemec/StrataShield representative.

THIN-FILM COATINGS

Offered in smooth or orange-peel finishes in a multitude of colors and vinyl flake options, the following products protect, beautify and enhance the cleanability of concrete substrates:

- Series 224 Deco-Fleck®
- Series 280, 281 & 282 Tneme-Glaze

BROADCAST TOPPING

Aesthetically appealing decorative quartz-reinforced epoxy that resists abrasion, impact and chemicals. Available in a variety of standard quartz options and custom blends:

- Series 222 Deco-Tread®

MORTAR TOPPING

Aesthetically appealing decorative quartz-reinforced epoxy that resists abrasion, impact and chemicals. Available in a variety of standard quartz options and custom blends:

- Series 223 Deco-Trowel®

For complete product details, see pages 10-11.



For its new El Paso, TX, office building, Gorman Moisture Protection wanted the floors to look like a concrete stain but needed enhanced durability in high traffic areas, such as offices where chairs constantly roll back and forth. This StrataShield system was chosen —

Primer: Series 203 Epoxoprime LV
Topcoat: Series 295 Clear CRU (two coats)

DECORATIVE FLOORING FEATURES:

- Smooth, orange-peel and non-slip finishes
- Easy to clean and maintain
- Enhanced durability
- Many color and quartz options
- 100% solids epoxy
- Resists yellowing

1. Faced with constant traffic and daily cleaning, the floor of Meramec Community College's food court was in need of repair. For a monolithic, seamless, easy-to-clean floor with a uniform non-skid finish, the college chose this StrataShield system — **Primer:** Series 222 Deco-Tread, **Topcoat:** Series 284 Deco-Clear. **2.** This Leander, TX, high school required flooring that could withstand heavy foot traffic and daily wear and tear as well as meet special cleanability and safety needs. This StrataShield system was tailored to meet these requirements and more — **Primer:** Series 201 Epoxoprime, **Intermediate Coat:** Series 222 Deco-Tread, **Topcoat:** Series 284 Deco-Clear, **Finish Coat:** Series 295 Clear CRU.



StrataShield wall coatings are easy to clean and provide seamless protection for a variety of substrates including drywall and CMU.

StrataShield. Wall systems for every industry.

In addition to exceptional flooring systems, StrataShield offers monolithic wall systems suitable for areas that demand protective, durable walls. Easy to clean and maintain, StrataShield wall systems—featuring Stranlok—resist impact and abrasion and have high thermal shock tolerance, so they can be aggressively cleaned on a constant basis without the worry of jeopardizing durability.

The following wall products are excellent for use in pharmaceutical and healthcare facilities, food and beverage processing, commercial kitchens, bathrooms or wherever protective, easy-to-clean walls are desired. Contact your Tnemec/StrataShield representative for detailed system information and recommendations.

THIN-FILM COATINGS

Offered in a multitude of colors, the following products protect, beautify and enhance the cleanability of walls:

Series 280 & 282 Tnemec-Glaze

Spray-applied fiberglass reinforced epoxy wall coatings for areas that experience frequent washings, impact and physical abuse. Novolac version available for enhanced chemical resistance:

Series 270 Stranlok®

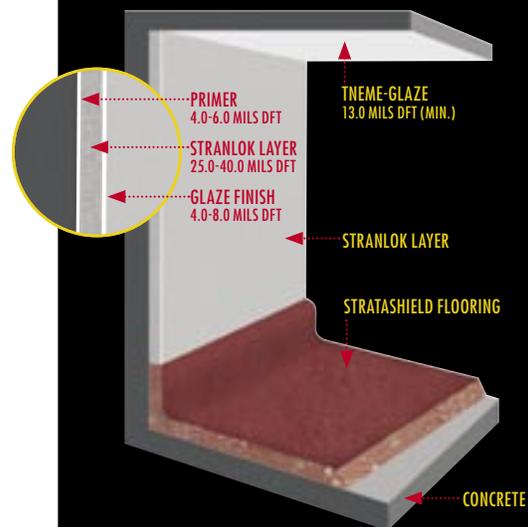
Series 275 Stranlok®

Roller-applied epoxy coating system for walls reinforced with fiberglass mat. Provides enhanced cleanability and protection against chemicals, stains, impact and abrasion:

Series 273 Stranlok® ML

For complete product details, see pages 10-11.

1. The need for an aseptic environment at Martec Pharmaceutical in Kansas City, MO, requires that the walls and floors be cleaned and scrubbed regularly with scorching bleach water. Able to fulfill these intense cleaning requirements, this wall system was chosen — **Primer:** Series 201 Epoxoprime, **Intermediate Coat:** Series 270 Stranlok, **Topcoat:** Tnemec Series 475 Triton. And this StrataShield flooring system was selected — **Primer:** Series 201 Epoxoprime, **Intermediate Coat:** Series 237 Power-Tread, **Topcoat:** Series 280 Tnemec-Glaze. **2.** St. Elizabeth's Medical Center in Utica, NY, wanted to minimize construction cost by using drywall but also improve durability and cleanability of the walls in the new heart surgery operating rooms. This wall system met both of these objectives — **Series 273 Stranlok ML, Topcoat:** Series 280 Tnemec-Glaze.



THE MICROCLEAN® SYSTEM FOR CEILINGS AND WALLS

Besides its versatile line of flooring, Tnemec offers high performance protection for nearly every surface—including ceilings and walls. The MicroClean System with Stranlok is a monolithic protective system, unlike tile, FRP or uncoated block. This seamless surface creates a "bathtub effect" from floor to ceiling, making the entire area durable and easy to clean.



STRANLOK WALL SYSTEMS FEATURES:

- High-build, fiber-reinforced
- Impact and abrasion resistant
- Easy to clean and maintain
- High thermal shock tolerance
- Ceramic-like finish
- Seamless, monolithic surface



StrataShield. Reliable products for every industry.

SERIES 201 EPOXOPRIME®

A versatile primer for floor and wall systems, Series 201 seals cementitious surfaces and creates a bonding layer for heavier duty StrataShield flooring systems. Its formulation offers an even-mix ratio and can be used alone as a high-build clear floor sealer.

SERIES 203 EPOXOPRIME® LV

This low-viscosity formulation of Series 201 is ideal for use whenever a penetrating epoxy primer is desired. Depending on the system, it may allow for acid etching preparation. In areas of limited surface prep, it soaks into the concrete to provide a primecoat for other systems.

SERIES 205 TERRA-TREAD™ FC

A fast-cure, versatile coating that can be used as a penetrating primer or a general duty topcoat for protection against abrasion and mild chemicals. This product can be applied in temperatures as low as 35°F (2°C).

SERIES 206 SUB-FLEX EP™

Used to bridge hairline cracks in concrete floors, this flexible epoxy provides a protective membrane under aggregate reinforced flooring systems.

SERIES 210 EVEN-FLOW SL®

This advanced flooring product offers a quick installation high-build coating especially useful over large expanses. Its self-leveling properties result in a coating 30.0 to 100.0 mils thick. No topcoating is necessary unless increased chemical resistance or a lower gloss finish is desired. Available in 16 standard colors or custom colors.

SERIES 214 TREADCRETE®

This fast-cure, acrylic modified concrete is ideal for rebuilding, resloping or leveling damaged floors prior to applying a StrataShield floor coating. Reinforcing fibers provide greater strength than conventional concrete. Series 214 allows topcoating in 48-72 hours for fast turnaround.

SERIES 222 DECO-TREAD®

This two-component liquid epoxy combined with multicolored ceramic quartz aggregate provides both strength and beauty, and protects against impact, abrasion and mild chemicals. Series 222 is an ultra-clear resin offering an even-mix ratio and is available in 12 standard ChromaQuartz color blends for a smooth or skid-resistant finish. Custom color quartz blends are also available.

SERIES 223 DECO-TROWEL®

A trowelable mortar version (in 3/16" to 1/4" thickness) of Series 222, Series 223 is a liquid epoxy combined with multicolored ceramic quartz aggregate offering the same performance features: even-mix ratio, ultra-clear resin, 100% solids epoxy and also protects against impact, abrasion and mild chemicals. Topcoat with Series 284 or 285 for a highly functional resurfacing flooring system.

SERIES 224 DECO-FLECK®

This epoxy coating combined with decorative vinyl flakes protects against abrasion and mild chemicals and creates a visually appealing speckled floor. Designed to be an intermediate coat between Series 201 and Series 284, Series 224 can be applied as a random or refusal broadcast. Series 224 is available in 12 standard colors. Custom color flake blends are also available.

SERIES 237 POWER-TREAD®

A versatile epoxy that can be used as a primer, mortar or broadcast flooring system, Series 237 protects against impact, abrasion and mild chemicals. Series 237 can be applied by roller, broadcast or hand or power trowel. It offers longer pot life and a 2-to-1 mixing ratio. Available in clear or field and factory pigmented red, gray or beige.

SERIES 238 POWER-TREAD® FC

A fast-cure, multi-purpose epoxy that can be used as a primer, mortar or broadcast flooring system to protect against impact, abrasion and mild chemicals. With its fast curing time, this product can be placed in service in as little as eight hours. Available in clear or field and factory pigmented red, gray or beige.

SERIES 239 CHEMTREAD®

A versatile epoxy that can be used as a primer, mortar or broadcast flooring system, Series 239 contains Novolac resin and provides additional protection against chemicals and heat. Series 239 can be applied by roller, broadcast or hand or power trowel. It offers longer pot life and a 2-to-1 mixing ratio. Available in clear or field and factory pigmented red, gray or beige.

SERIES 270 STRANLOK®

This fiberglass reinforced epoxy coating system for walls and ceilings protects against acids, alkalis and physical abuse. A complete system with a topcoat provides a seamless, monolithic surface that withstands aggressive cleaning techniques including pressurized hot water.

SERIES 273 STRANLOK® ML

This hand-laid epoxy coating system reinforced with fiberglass mat for walls and ceilings provides enhanced cleanability and protection against chemical and physical abuse. Series 273 provides a high-performance, smooth, seamless, monolithic surface with excellent chemical, stain, impact and abrasion resistance.

SERIES 275 STRANLOK®

This fiberglass reinforced coating for walls and ceilings adds a Novolac resin to improve resistance to acids, alkalis and aggressive chemicals. The dense, seamless surface can be easily cleaned with pressurized hot water.

SERIES 280 TNAME-GLAZE

This high-solids, high-build epoxy glaze gives floors and walls additional surface protection and a smooth, slightly "orange-peel" finish. Formulated for easier application, Series 280 withstands various chemicals, stains and abrasion. Available in 16 standard colors or custom colors.

SERIES 281 TNAME-GLAZE

A high-solids, high-build epoxy, Series 281 provides floors with additional protection and a smooth, glaze-like finish. Formulated for easier application, Series 281 withstands various chemicals, stains and abrasion. Available in 16 standard colors or custom colors.

SERIES 282 TNAME-GLAZE

This Tname-Glaze formulation adds a Novolac resin to improve resistance to chemicals. An ideal finish coat for Series 237, 238 and 239, this high-gloss topcoat can also be used directly over Series 201 for a sleek, chemical-resistant, thin-film floor with an "orange-peel" finish. Available in six standard colors.

SERIES 284 DECO-CLEAR®

The suggested companion topcoat for Series 222, this product's clear, glossy epoxy finish offers added protection against mild chemicals, impact and abrasion. Depending on the number of coats applied, Series 284 can result in either an easy-to-clean smooth or skid-resistant finish.

SERIES 285 SATINGLAZE®

Used over Series 222 or Series 223, this clear epoxy finish results in an "orange-peel" texture that diffuses light and reduces glare. Series 285 provides a durable, sealed finish, which makes floors easier to clean and protects against mild chemicals, impact and abrasion.



SERIES 286 DECO-CLEAR® CR

This clear, glossy Novolac finish epoxy is an excellent topcoat for Series 222 or Series 239. It offers additional protection against impact and abrasion, and provides enhanced resistance to a variety of chemicals. Depending on the number of coats applied, Series 286 can result in either an easy-to-clean smooth or skid-resistant finish.

SERIES 287 ENVIRO-TREAD®

This water-based, thin-film epoxy coating offers excellent protection for concrete floors. It is low odor and easily applied, making it user-friendly and excellent for applications near occupied space. Available in 16 standard colors or custom colors.

SERIES 290 CRU

A chemical-resistant urethane, this thin-film flooring and wall topcoat provides an extremely hard, chemical-resistant surface with a semi-gloss finish. Series 290 has great color retention and a slight "orange-peel" finish. It offers excellent resistance to abrasion, corrosive fumes and chemical contact. Even-mix ratio (3:1). Available in 16 standard colors or custom colors.

SERIES 291 CRU

A chemical resistant, colorfast urethane topcoat, Series 291 can be used as a finish coat over thin-film, laminate and mortar flooring systems. It has excellent resistance to staining, abrasion, wet conditions, corrosive fumes and chemicals; even-mix ratio (3:1); and is available in 16 standard colors or custom colors.

SERIES 295 CLEAR CRU

A clear thin-film urethane topcoat, Series 295 offers excellent resistance to abrasion, corrosive fumes and chemical attack. It cures to an extremely hard finish that showcases the beauty of the flooring layers beneath its surface. Outstanding flow characteristics make application easier.

SERIES 297 ENVIRO-GLAZE®

A pigmented, water-based urethane, Series 297 provides excellent abrasion resistance and color and gloss retention. This user-friendly product has easy application and clean-up characteristics. Available in 16 standard colors or custom colors for floors and walls.



Contact your Tnemec/StrataShield representative for complete coating system recommendations and color selection tools.

VISIT WWW.STRATASHIELD.COM,
OR CALL 1-866-4STRATA.



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