

Spray-applied and Mat Lay-Up Fiber-Reinforced Wall Coating Systems

A tough act to follow.

Facilities coast to coast are faced with the same dilemma—finding a protective coating system that is durable, hygienic, easy to clean and problem free.

Your solution? Tnemec's Stranlok Systems, fiber-reinforced epoxies that provide long-term maintenance-free performance compared to thin film paints. Stranlok's 100% solids epoxy technology is solventless and VOC compliant. Stranlok is virtually odorless, which means it can be applied in occupied facilities and provides a solution to many of your toughest application challenges.

Tough as nails.

Offering increased durability over conventional wall systems, the Stranlok System has all the benefits of tile or fiberglass-reinforced panels (FRP) without all the headaches. Its monolithic film eliminates grout lines, anchor points and seams—all problem areas for insect and microorganism infiltration.

What you can't see can hurt you.

The benefits of Stranlok System's seamless monolithic film vs. traditional systems.

FRP, tile and glazed block share one characteristic that is a problem for facilities requiring hygiene control—areas of penetration where mold and bacteria can form and dirt can accumulate.

Seams and anchor points not only allow bacterial growth, but provide a pathway to air spaces behind the wall, creating an environment ideal for the development of bacteria and insect intrusion. This contamination is as impossible to clean as it is to detect. The Stranlok System's seamless monolithic film is reinforced with fiberglass and actually improves the integrity of the substrate to which it's applied, providing superior resistance to impact, thermal shock and harsh chemicals. Should localized damage occur, Stranlok can be easily repaired and put back in service quickly.

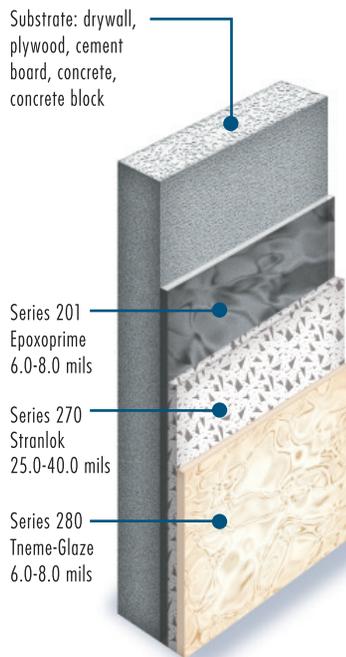
ADVANTAGES

- Seamless and easy to clean
- Thermal shock resistant
- Chemical resistant
- Low odor
- Fast cure, limited downtime
- Impact and abrasion resistant
- Low VOC



Typical Stranlok System

Stranlok contains a unique blend of two types of premixed reinforcing fibers that allow it to be spray applied up to 40 mils. The fibers interlock, adding to the structural integrity of the substrate, and allow Stranlok to withstand daily high-pressure steam cleaning. In addition to this high tolerance to "thermal shock," Stranlok features the broad chemical, impact and abrasion resistance your facility demands. When spray applied, this formidable barrier wraps easily and seamlessly around corners, pipes and edges.

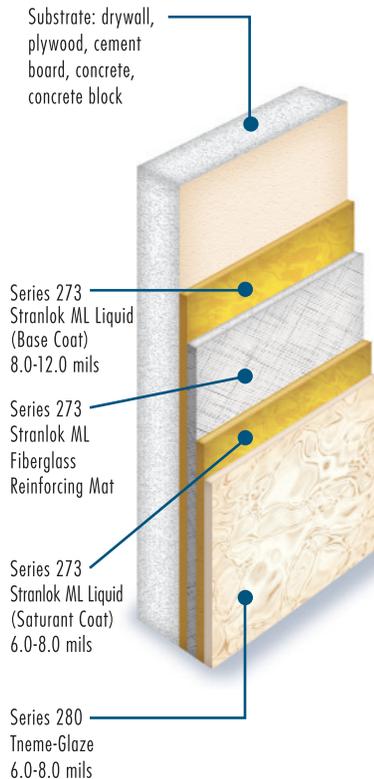


APPLICATIONS

- Food processing (meat, poultry and dairy)
- Beverage (soft drinks, breweries and wineries)
- Pharmaceutical (processing, animal testing)
- Correctional facilities
- Healthcare facilities
- Vehicle wash bays
- Veterinary facilities
- Kitchens or food preparation

Typical Stanlok ML System

Stranlok ML features a sturdy fiberglass reinforcing mat that is embedded in a layer of tough epoxy. This mat provides a very smooth surface while delivering impact, abrasion and chemical resistance. Stranlok ML is easy to clean and stands up to chemicals and daily cleaning techniques. It can also be installed in small areas where equipment restrictions prevent the application of sprayable wall coatings.



StrataShield is a division of Tnemec Company Incorporated.

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