



JOYCE|DESIGN

3M DI-NOC™ Architectural Finishes

TiL Series

For tile applications



3M™
MCS™
Warranty



3M™ DI-NOC™ Architectural Finishes TIL Series for tile application

3M™ DI-NOC™ Architectural Finishes TIL Series is designed for application to tiled wall surfaces. Vinyl film made with a conformable metal foil designed for the refurbishment of tiled wall surfaces or tiles.

Restroom refurbishment / ST-024TIL

**Suitable for tile walls with grout between tiles.
You can update the look of existing tile surfaces with minimal facility disruption.**

- 3M™ Comply™ adhesive for fast, easy, air bubble-free installations
- High adhesion to tile surfaces.



Quick Installation

Product gives a groundbreaking, rejuvenated image just by attaching film to a tiled surface, substantially lowering work time and costs, when compared to conventional replacement of an entire tiled surface.



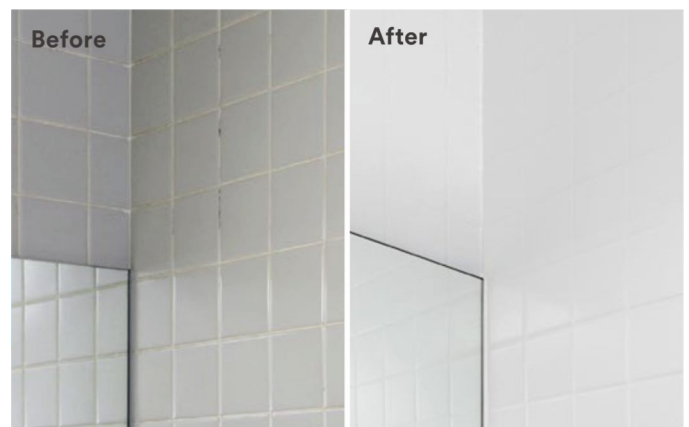
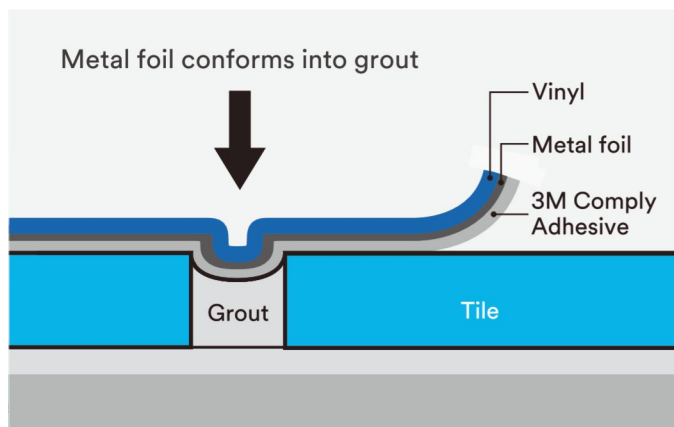
Easy to Clean and Maintain

Film is easy to apply over existing tile, and conforms to into grout areas. Easy to clean the entire surface including the covered grout. Easy and inexpensive to repair, when compared to expensive tile replacement.



Quality and Durability

Excellent design, water resistance, and durability properties.



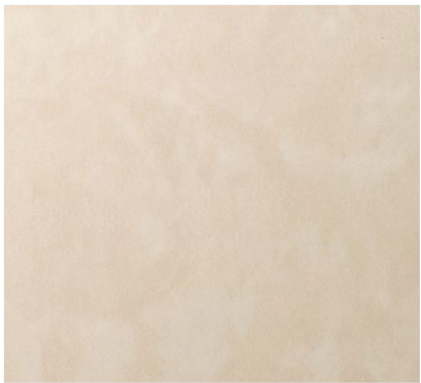
Design Lineup



ST-024TIL
Stone



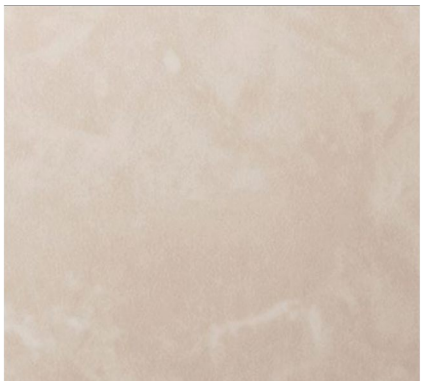
AE-1632TIL
Stone



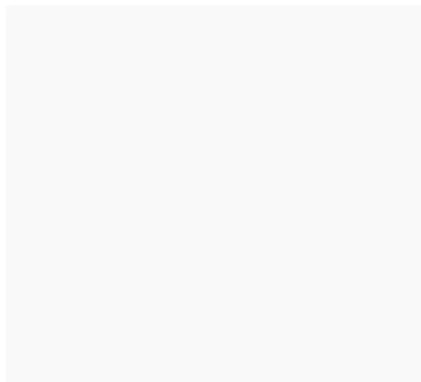
ST-736TIL
Stone



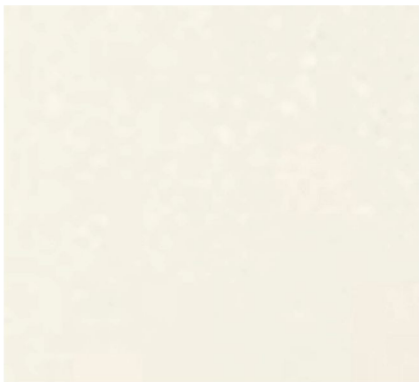
ST-1195TIL
Stone



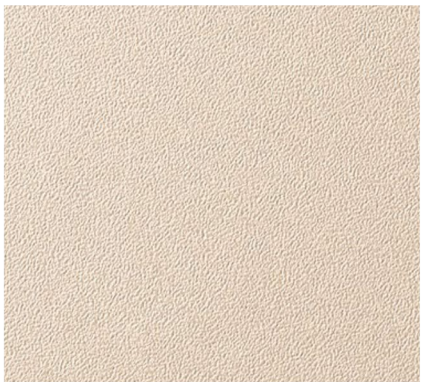
ST-737TIL
Stone



PS-010TIL
Solid Color



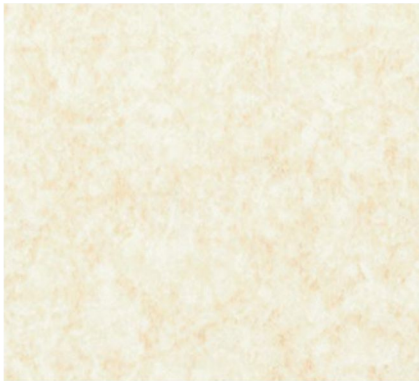
PS-012TIL
Solid Color



PS-982TIL
Solid Color



PT-346TIL
Abstract



FA-021TIL
Abstract



FA-020TIL
Abstract



Product Performance

The values in these tables are typical, and are based on test data deemed reliable but are not warranted.

Characteristic	Evaluation	Results
Dimensional Stability*	A square specimen was attached to an aluminum plate with a 10cm-length cross cut. The sample was aged for 48 hours at 66°C, and the largest gap in the cross cut measured.	Less than 0.1mm
Abrasion	Taber abrasion test (CS-17, 1kg load, 4000 cycles)	No wear-through
Cold Impact Resistance*	Gardner Impact Test, dropping a 907g weight from a height of 12.7cm in 0°C ambient	No change
Moisture Resistance*	Film was left in a 40°C, 95% relative humidity environment for 7 days, and adhesion strength measured after exposure	No change
Water Resistance	Adhesion strength tested after immersion in 40°C water for 7 day	No change
Fire Resistance	When used in Interior Applications per EN 13501-1: 2019-05	Class C-s2,d0
Adhesion Force (after application)	Product applied to a bonderized steel plate and conditioned for 48 hours at room temperature, then peeled at a 90° angle, at a speed of 12 inches (300 mm) per minute	5 lbf/in (20N/25mm)

* Product applied to an aluminum plate.

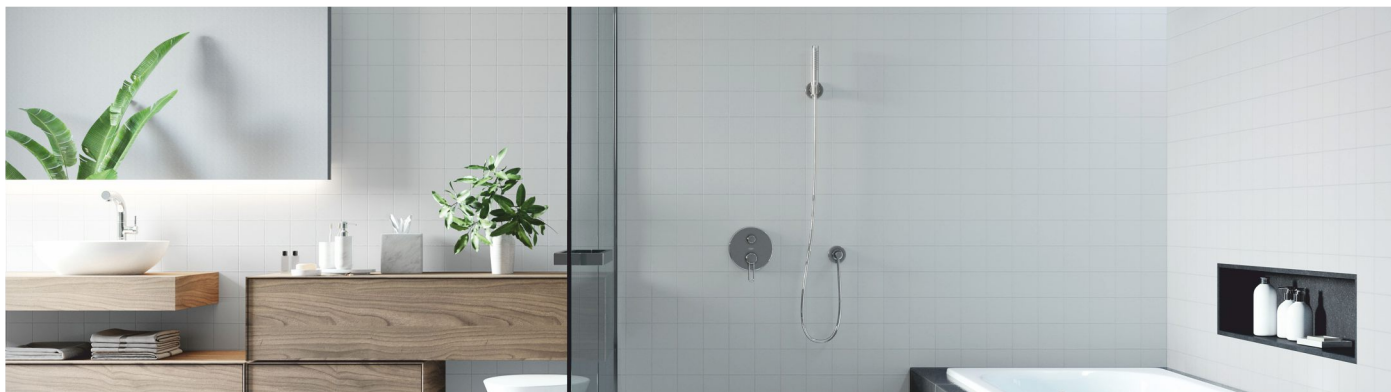
Application and Removal Characteristics

Characteristic	Value
Application Surface Type	Smooth, hard, non-porous tile material
Application Location	Interior
Application Temperature	50-82 °F (10-28 °C) air and substrate
Application Method	Dry application
Product Removal	Low-temperature heat, or 3M Adhesive Remover Citrus Base and scraping tool

Cleaning and Maintenance

Regular cleaning will help maintain the appearance of the finish. Use mild detergent and water, and a soft cloth or sponge without abrasives. For difficult stains, spot-clean with a diluted Isopropyl Alcohol solution and a soft cloth. Avoid using strong solvents or detergents that are either highly alkaline (pH>11) or acidic (pH<3). Do not use ammonia, chlorine, or strong organicbased cleaning products, polishing or cleaning compound, hard-bristle brushes or electric polishing equipment. Use only clean, nick-free tools and wipe gently.

Problem	Solution
Dust and grit	Wipe with a soft, damp cloth.
Soiled (but not gritty)	Use water and a soft cloth
Heavily Soiled	Clean first using a solution of mild liquid detergent and water, then use clear water. Wipe gently with a soft cloth.
Difficult Stains	Spot clean with 70/30 IPA (70% Isopropyl Alcohol/30% Water) cleaning solution



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