

# Why TUFF-SEAL®?

It looks fantastic.

It withstands heavy rolling loads (forklifts, aircraft).

It covers ugly, problem subfloors.

It's clean and stylish.

It's liquid- and dirt-tight.

It's low maintenance.

It's tuff.



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And it's  
REALLY  
Tuff...



# Warehouse strength, office elegance.

Got a tough floor problem? Ugly subfloor? High-traffic? Can't afford to interrupt operations? Then instant-install a Tuff-Seal® Interlocking Vinyl Tile floor—good-looking, water-tight, slip-resistant, commercial-quality flooring with little or no subfloor preparation and NO adhesive.

Tuff-Seal is serious flooring— injection-molded, solid vinyl tile that will not chip, crack, shift, loosen, split, or deflect under heavy stationary or rolling loads; including aircraft, automobiles, forklifts, and industrial equipment. Heavy-duty flooring that contains twice as much premium material (4 lb. per tile) as the typical lightweight, rigid-plastic tile.

15 Colors in 3  
Surface Patterns...

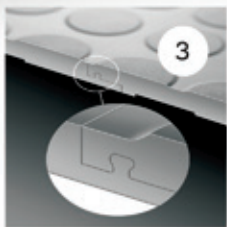


# The details...

1

2

3



Tuff-Seal's innovative, patented locking mechanism makes it far superior to its copycats—its elegant, precisely engineered surface [1] provides no clues to the workings beneath it [2]. Tuff-Seal tiles

employ a double-interlocking tab and channel design [3] to form an unusually strong substructure that is water-tight and virtually impervious to dirt and debris. The materials used in manufacturing make it extremely resistant to damage by most common chemicals and compounds.

In a few short hours, you can cover cracks, stains, old floors, paint, epoxy coatings, concrete sealers, curing compounds, oils, grease, and/or other contaminants—to transform a worn, ugly floor into a clean, new focal point. Because installation is so fast and easy, you'll avoid costly facility down time and save the expense of complex preparation and expert installation.

(Colors, shades, and gloss levels can vary slightly from one production run, sample, or photograph to the next.)



## Unlimited design possibilities

Tuff-Seal's simple, engineered design has a way of adapting to the space in which it is used.

With 3 surface patterns and 15 colors, Tuff-Seal® offers a solution for just about any design problem—whether it's new construction, an interior remodeling, or renovation.

Tuff-Seal works as well in public spaces, as it does in commercial, retail, manufacturing, and residential spaces.

A Tuff-Seal tile floor maximizes space, adds property value, and features a 10-year warranty.



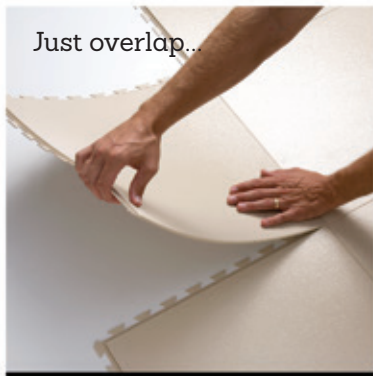
Tuff as...

## USE EXAMPLES

Aircraft hangars	Mechanical service areas
Auditoriums	Media rooms
Auto showrooms	Medical areas
Below-grade floors	Meeting rooms
Break rooms	Military applications
Cafeterias	Mobile commands
Cargo containers	Offices
Catering venues	Pantries
Classrooms	Parts departments
Computer facilities	Pet areas
Concession areas	Raised access floors
Control rooms	Reception areas
Display areas	Rental venues
Dormitories	Retail areas
Elevators	Service areas
Entryways	Ships (enclosed areas)
Equipment rooms	Showrooms
Event floors	Sports areas
Exhibit areas	Storage areas
Factory areas	Studios
Fitness areas	Temporary installations
Gyms	Trade show exhibits
Hallways	Training facilities
Laboratories	Utility rooms
Laundry rooms	Vending areas
Libraries/archives	Warehouses
Lobbies	Workshops and many more...
Locker rooms	
Lunch rooms	
Mail rooms	
Manufacturing areas	



Just overlap...



Tap...



Done!



## Tuff-Seal is very different than conventional flooring...

- Tuff-Seal® is ideal for covering ugly, contaminated, and otherwise problem subfloors
- Ideal for cosmetic cover-up
- Can help solve moisture-prone space problems (call, we'll tell you how)
- Features a patented, precisely-engineered, super-strong interlock design
- Withstands heavy, rolling loads (forklifts, aircraft)
- Supports heavy weights (warehouse, manufacturing)
- Creates a liquid-, moisture-, and dirt-tight surface
- Is chemical-, impact-, stain-, and abrasion-resistant
- Resists mold and mildew
- Includes a 10-year limited warranty
- Is made in the USA



## Tuff-Seal® is fast, easy, and economical to install and maintain

- Covers cracks, stains, old floors, paint, epoxy coatings, concrete sealers, curing compounds, oils, grease, and/or other contaminants
- Can be installed directly over any flat, structurally sound surface
- Does not require complex surface preparation
- Can be installed without adhesive
- Is fast and easy to cut, fit, install, and move
- Requires no advanced installation skills or expensive installation tools
- Its ease of installation minimizes facility down time—immediate use
- Tuff-Seal Tile is easy and economical to maintain

## Tuff-Seal is people and environmentally friendly

- It insulates
- Muffles noise
- Dissipates vibration
- Reduces standing fatigue
- Is slip-resistant (wet or dry)
- Is fire-resistant (flame)
- Manufactured using environmentally friendly plasticizers
- Contains no phthalates or lead
- Is UV-resistant
- Is 100 percent recyclable

Did we  
mention it's  
tuff?



## TUFF-SEAL TILE SPECIFICATIONS

Tile size	17.68 x 17.68 inch (2.17 sqft) 44.91 x 44.91 cm (0.202 sqm)
Thickness	0.25 inch, 6.5 mm
Per tile	3.5 lbs, 1.588 kg

## PHYSICAL/CHEMICAL PROPERTIES:

ASTM F-1700 for solid vinyl tile	Meets or exceeds
ASTM D-412 Breaking load-1653 psi	Meets or exceeds
Static load Limit – 500 psi	Meets or exceeds
Fire resistance: ASTM E 648/NFPA 253	Critical Radiant Flux – Class 1
FMVSS 302	Meets or exceeds
FAA vertical flammability	Meets or exceeds
Slip resistance	≥ 0.6

## CHEMICAL RESISTANCE

CHEMICAL	EFFECT	CHEMICAL	EFFECT
Hydrochloric acid 5%	No effect	Kerosene	No effect
Acetic acid 5%	No effect	Olive oil	No effect
Isopropyl alcohol 70%	No effect	Motor oil	No effect
Mineral oil	No effect	Grease	No effect
Sodium hydroxide 5%	No effect	Transmission fluid	No effect
Ammonia 5%	No effect	Brake fluid	No effect
Bleach	No effect	Sulfuric acid	Moderate surface attack, slight color change
Phenol 5%	No effect		
Gasoline	No effect		



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