TECHNICAL DATA CS-125

SAFESTEP® MODULAR FLOORING

DESCRIPTION AND USES

SafeStep® Modular Anti-Fatigue Flooring is a PVC flooring system designed to interlock and easily configure to work environments. The compression dome surface ensures optimal ergonomic anti-fatigue support and the 64-leg support structure underneath provides weight load dispersion and channels for cord control. Excellent for dry areas such as assembly lines, inspection stations, and machining areas. Combined with high visibility edges and corners, this flooring is easy to clean and maintain.

PRODUCT FEATURES AND BENEFITS

- Black tiles are 100% recycled PVC
- 6-Tab interlocking design
- Modular design ideal for long runs, wall-to-wall layouts, and individual workstations
- Compression flex technology provides energy return, consistent blood flow, and joint support; offering optimal anti-fatigue support
- Can be used in CNC/Machining areas, assembly areas, welding areas, shipping/receiving areas, tool rooms, manufacturing areas, and more
- Beveled edge safe for light wheeled traffic, will not tear or curl
- Safe for use in welding stations

PRODUCTS

SKU	DESCRIPTION
410789	18" X 18" Tile - Black
410790	18" X 4" Female Edge - Yellow
410791	18" X 4" Male Edge - Yellow
410792	22" X 4" Female Corner Edge - Yellow
410793	22" X 4" Male Corner Edge - Yellow
411961	3' X 3' Anti-Fatigue Mat Kit
411962	3' X 5' Anti-Fatigue Mat Kit
411963	3' X 8' Anti-Fatigue Mat Kit

PRODUCT APPLICATION

READ ALL INSTRUCTIONS CAREFULLY BEFORE STARTING PROJECT

CONCRETE REPAIR

For best results, repair any damaged concrete before installing to a level surface. All spalls and cracks must be chased out and repaired to ICRI standards using an appropriate Concrete Saver patching material.

SURFACE PREPARATION

The concrete surface must be free of all dirt, grease, oil, fats, and other contamination (SSPC-SP1). Remove surface contamination by cleaning with Rust-Oleum® Professional Cleaner Degreaser, detergent, or other suitable cleaner. Rinse thoroughly with clean, fresh water and allowed to dry.

PRODUCT APPLICATION (cont.)

INSALLATION

Snap tiles and edges together using the standard lug connection system to configure to your workspace.

CLEANING AND MAINTENANCE

Sweep debris on a regular basis to prevent trip hazards and degradation of the surface. Clean oils, grease, and other contaminants with Rust-Oleum Professional Cleaners Concentrated Cleaner & Degreaser.

PERFORMANCE CHARACTERISTICS

TEAR STRENGTH
METHOD: ASTM D624
RESULT: 303 lbs./in

TENSILE STRENGTH
METHOD: ASTM D412
RESULT: Stress - 1630 PSI
Strain - 150%

COEFFICIENT OF FRICTION
METHOD: ASTM D1894
RESULT: Static - 0.90 Dynamic - 0.84

HARDNESS, SHORE A
METHOD: ASTM D2240
RESULT: 85

TABER ABRASION
METHOD: SAE J1530
RESULT: Negligible wear

MAX LOADING
143 PSI

FLAMABILITY
0.61 watt/cm2 - Class 1 fire resistant

SAFESTEP® MODULAR FLOORING

CHEMICAL RESISTANCE

CHEMICAL	RESULT
Acetic Acid 10%	R
Acetone	NR
Ammonium Hydroxide 50%	R
Antifreeze	R
Armor All	R
Brake Fluid	R
Brine saturated H2O	R
Chlorinated H2O	R
Clorox (10%) H2O	R
Coke	R
Coffee	R
Diesel fuel	RC
Gasoline	NR
Ethylene Glycol	R
Formula 409	R
Hydrochloric Acid 37%	R
Hydrogen Peroxide	R
Hydraulic fluid (oil)	R
Ice Melt	R
Isopropyl Alcohol	R
Jet Fuel (JP-4)	NR
Ketchup	R
Lemon Ammonia	R
MEK	NR
Mineral Spirits	NR
Motor Oil	R
Mustard	R
NaCl/H2O 10%	R
Nitric Acid 10%	R
Phosphoric Acid 10%	R
Pine Sol	R
Red Wine	R
Skydrol	R
Sodium Hypochlorite 10%	R
Soy Sauce	R
Sugar/H20	R
Sulfuric Acid 70%	R
Vegetable Oil	R
Windshield Washer Fluid	R
Windex	R
Xylene	NR

Chemical Resistance: Chart Key

R=recommended/little or no visible damage
RC=recommended conditional/some effect, swelling or discoloration
C=Conditional/Cracking-wash within one hour of spillage to avoid affects
NR=Not recommended
Dis=Discoloration

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