

1. PRODUCT NAME

Health Design Vinyl Tile

2. COMPANY INFORMATION

Flexco Corporation

1401 East 6th Street

Tuscumbia, AL, USA 35674

Phone: (800) 633-3151

Fax: (800) 346-9075

Email: info@flexcofloors.com, technical@flexcofloors.com

Internet: www.flexcofloors.com

3. PRODUCT DESCRIPTION

3.1 Basic Application and Construction

Flexco Health Design Solid Vinyl Tile combines the durability of homogeneous vinyl with handsome styling. Health Design is the ideal choice for heavy traffic areas. Health Design colorations in chip patterns allow you to design flexibility for today's commercial interiors. With the use of contrasting color welding beads, you can create an array of accent areas, borders, and other design expressions such as checkerboard, herringbone, and geometrics. The pure virgin vinyl composition provides excellent resistance to abrasion, chipping, cracking, and permanent indentations for rugged performance requirements while helping conceal most substrate irregularities. An important feature of Health Design's tough, non-porous, solid construction is that it requires low maintenance and no floor finish. Health Design is an excellent choice for use in healthcare, retail, office buildings, hospitals, laboratories, schools, factories, and airports. This product is ideal in areas that require resistance to staining by fungi and streptovorticillium reticulum (a pink stain organism). Contact Flexco or see www.flexcofloors.com for the latest color selections.

3.2 Product Types

Health Design Solid Vinyl Tile

- Gauge: .080" (2 mm)
- Sizes: All noted sizes are nominal and Fractional Sizes are available for use on raised/access flooring panels
 - 12" x 12" (304.8 mm x 304.8 mm)
 - 24" x 24" (609.6 mm x 609.6 mm)
 - 36" x 36" (914.4 mm x 914.4 mm)
- Pre-Beveled Edges available in 24" & 36" tiles for Heat Welding
- Custom Color Tile Matching is available
- Custom cut logo designs can be created
- Vinyl Welding Rods are available in 0.160" (4 mm) packaged in 50 ft and 400 ft rolls

4. TECHNICAL DATA

ASTM F 1700 - Solid Vinyl Tile; Class I, Type A

ASTM E 648, Critical Radiant Flux - Class 1, > .45 W/cm²

ASTM E 662, Smoke Density - Passes, < 450

ASTM D 2047, Slip Resistance - > 0.60

ASTM F 925, Chemical Resistance - Passes, List available

ASTM F 970, Static Load - 2000 PSI

ASTM G 21, Fungi Resistance - Excellent Resistance

ASTM E 1428, Pink Stain Organisms - 0, No stain

AATCC Test Method 147 - NZ, No Zone

5. PRODUCT LIMITATIONS

- Must be installed using approved Flexco Adhesive in accordance with Flexco instructions

- Can be installed over Radiant Heat, operational temperature must not exceed 85° to prevent damage to flooring
- May stain if allowed to remain in contact with products that contain staining ingredients such as tires, casters, and walk-off mats
- Ensure that any disinfectant, cleaning agent, dye, pesticide, or other chemical (solid, liquid, or gas) that may come in contact with the flooring will not produce permanent discoloration and/or damage to the flooring
- Not to be used in or near commercial kitchens or other areas exposed to animal fats, greases, oils, solvents, strong detergents or where there is excessive moisture
- Not to be used in areas that may be subjected to sharp spikes (including Stiletto heels), cleats, sharp wheels, or other objects that could damage the flooring
- Use appropriate floor protection devices, dragging or improperly moving furniture or equipment across the surface of the tile or dropping objects onto the surface of the tile may cause permanent damage to the flooring
- Not to be used in direct contact with heat sources, such as radiators, hot ovens or other heated equipment
- Not to be used in outdoor applications

6. INSTALLTION

6.1 General Preparation and Conditioning

- Allow all trades to complete work prior to installation of Flexco Health Design Solid Vinyl Tile
- Deliver all materials to the installation location in its original packaging with labels intact
- Remove any plastic stretch wrap and strapping from product after delivery to jobsite
- Do not stack pallets of material to avoid any damage
- Maintain the installation area, tile and adhesive between 65° F (19° C) and 85° F (30° C) for at least 48 hours before installation, during installation, and after the installation
- Remove material from cartons and stack evenly on a smooth dry surface no more than 18" high
- Inspect all material for proper type and color
- Conduct the proper moisture emission and pH testing on the substrate
- Install tiles directional with the printed arrows on the back of the tiles

6.2 Substrate Inspection and Preparation

Inspect all substrates prior to installation. All substrates must be clean, smooth, permanently dry, flat, and structurally sound. The substrate must be free of moisture, dust, sealers, paint, curing compounds, parting agents, residual adhesives, adhesive removers, hardeners, resinous compounds, solvents, wax, oil, grease, asphalt, gypsum compounds, alkaline salts, excessive carbonation or laitance, mold, mildew, any other extraneous coatings, films, materials and all other foreign matter which might interfere/restrict proper adhesive bonding. In renovation or remodel work, remove all existing adhesive residue so that 100% of the overall area of the original subfloor/substrate is exposed.

6.3 Adhesive Information

2600 Spray-Grip Adhesive for Vinyl Tile

- Smooth Substrates; Coverage is approximately 150-185 Square Feet per Can
- Moisture Requirements:
 - ASTM F 1869, Calcium Chloride: 8.0 lbs
 - ASTM F 2170, Relative Humidity: 90%
 - pH: 11 or less

3600 Vinyl Tile & Tread Adhesive

- Porous Substrates, 1/16" x 1/16" x 1/16" Square Notch; Coverage is approximately 130-140 Square Feet / gallon
- Non-Porous Substrates, 1/16" x 1/16" x 1/16" V Notch; Coverage is approximately 170-190 Square Feet / gallon
- Moisture Requirements:
 - ASTM F 1869, Calcium Chloride: 5 lbs
 - ASTM F 2170, Relative Humidity: 80%
 - pH: 9 or less

Flexco 77 Solvent Free Epoxy Adhesive

- Smooth Porous or Non-Porous Substrates, 1/32" x 1/16" x 1/32" U Notch; Coverage is approximately 120-140 Square Feet / gallon
- Rough Porous or Non-Porous Substrates, 1/16" x 1/16" x 1/16" Flat V; Coverage is approximately 110-130 Square Feet / gallon
- Moisture Requirements:
 - ASTM F 1869, Calcium Chloride: 5.0 lbs
 - ASTM F 2170, Relative Humidity: 75%
 - pH: 9 or less

7. PRODUCT MAINTENANCE

- Neutral pH cleaners
- Initial scrubbing and buff 48 Hours after installation
- Regular scrubbing and buffing as needed
- Daily sweep & Vacuum to remove loose dirt & debris
- No Finishes or Waxes required

8. SAMPLES

Obtain Samples calling Flexco Customer Service or by visiting www.flexcofloors.com.

9. AVAILABILITY AND COST

Products are available through Flexco distributors. Contact Flexco Customer Service or visit www.flexcofloors.com for a list of distributors.

10. LIMITED WARRANTY

Limited One (1) Year Manufacturer's Warranty
 Limited Ten (10) Year Limited Wear Warranty

Refer to Flexco Substrate Preparation and Health Design Solid Vinyl Tile Installation and/or Maintenance documentation for any additional detailed information.

www.flexcofloors.com/technicalsupport/index.html

