

SHAW Positile® Specifications

SECTION 10270- ACCESS FLOORS

1.1 description

The access floor contractor shall provide submittals, material and installation of the access floor system including a carpet tile consisting of ultrasonically welded positioning buttons for one to one carpet to panel alignment.

2.1 manufacturers

1. Access floor system shall be manufactured by Tate Access Floors, Inc., Jessup, MD (800-231-7788), consisting of the ConCore® 1000 panel supported by PosiLock understructure system with corner lock.
2. The carpet tile system with ultrasonically welded buttons, PosiTile®, shall be manufactured by United Technical Products, Inc., Norwood, MA (800-225-6052).

2.2 panel components

1. Floor panels shall consist of a top steel sheet welded to a formed steel pan filled internally by a lightweight cementitious material.
2. Panel shall have an electrically conductive epoxy paint finish.
3. Corner of panel shall have a locating tab and integral shape design to interface with the pedestal head for positive lateral retention and positioning with or without fasteners.

4. Top sheet of access floor panel shall have four 3/8" diameter locator holes positioned within the quarter quadrant of the panel. Holes shall be positioned to a +/- 0.002" tolerance.
5. Fit between the pedestal head, panel, and screw shall enable an installation with an average panel to panel gap of 0.015".
6. The carpet tile shall be dye cut 23.96" square.
7. The positioning buttons shall be ultrasonically welded – making them permanently attached to the tile backing to provide lateral stability.

2.51 finishes- general

1. A. Positile Carpet Tile: Access floor system shall be designed to accommodate a modular carpet tile (PosiTile) that precisely matches one carpet tile to one ConCore panel. This is accomplished utilizing precisely located ultrasonically welded buttons on the carpet tile which engage into positioning holes within the top surface of the access floor panel. The carpet tile's durable backing maintains dimensional stability, and holds the carpet tile flat. Adhesives are not necessary. PosiTile shall withstand without failure the rolling load values modified in section 1.4 Performance Requirements, subsection Rolling Load (400 lbs. at 10,000 passes). Failure is defined as the point at which the positioners can no longer

position and laterally retain the carpet tile.

- B. Series: _____
- C. Color Name: _____
- D. Color Number: _____
- 2. Carpet Descriptions: 1 Carpet Tile with 4 positioning buttons to match 1 Tate™ ConCore® access floor panel
- 3. Panel Descriptions: Concore® 1000 Panel with PosiLock understructure
- 4. Positioning Mechanism: 4 Ultrasonically-Welded Buttons-patent pending
- 5. Positioning Mechanism Rolling Load: Rolling load 400 lbs. at 10,000 passes
- 6. Size: Carpet Tile- 23.96" x 23.96"
- 7. Backing Systems:
 - Anti-Static Grade- Standard Vinyl
 - Advanced Static Control- Dissipative Vinyl
- 8. Flammability:
 - ASTM E-648 NFPA253;NBSIR75-950
 - Flooring Radiant Panel-Class1 (3.45W/cm2) ASTM E-662 NFPA258
 - NBS Smoke Density- Less than 450