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BuyLine 9251

HIGH QUALITY TACTILE SYSTEMS DETECTABLE WARNING TILE

MR-MANUFACTURER

Our Warning Systems Are Surfacing...Everywhere

In test after test by industry professionals and independent research groups, High Quality Tactile Systems comes up number one in durability and safety every time. While exceeding federal and industry standards for flame resistance, strength, and slip resistance, High Quality Tac-Tile™ has a longer life span when exposed to extreme weather conditions, chemicals and hard impacts than any other detectable warning system available.

- **Meets Federal Laws**

As required by ADA, the Tac-Tile™ pattern is truncated domes 2.35 inches on center, 0.9 inches in diameter, and 0.2 inches in height. Tac-Tile™ is also certified by the State of California under Title 24 (CAC).

In addition, Tac-Tile™ is detectable by employing three different cues—sight, sound and touch.

- **Large Panel Size**

Tac-Tile™ panels are four feet by two feet. This large panel size allows for a more uniform installation with fewer seams. The tile is one-eighth of an inch thick for easy installation for both surface and flush mount applications.

Overall, this translates into low labor cost, quicker installation, and reduced material.

UA-USES, APPLICATIONS

High Quality. The Safe Choice.

High Quality Tac-Tile™ is found wherever mandated by Federal Law Title III of the Americans with Disability Act. This includes platforms that can not use handrails – subway and transit platforms, curb ramps, and uncurbed sidewalk/street intersections.

Installations Completed For:

- *NYCTA*
- *MBTA*
- *SEPTA*
- *Montreal Transit*
- *New Jersey Transit*
- *Long Island Railroad*
- *CalTrans*
- *Northern Indiana Transportation District*
- *Connecticut Department of Transportation*
- *Metropolitan Atlanta Rapid Transit Authority*

Photo captions

1. Industry and independent tests have proven TacTile™ provides the best wear resistance of any detectable warning system today.

2. Interlocking Tac-Tile™ provides for a concealed fastener and cap.
3. The underside of the paver tile (yellow) shows the integral rib system, which is bored to lock into fresh concrete or filled separately. The underside of the interlocking configuration is shown in grey.

OP-OVERALL PRODUCT

Product

Tac-Tile™ is ready for the worst. Because High Quality has engineered them for exceptional wear and fatigue endurance, creep resistance, and to withstand chemicals and hard impact.

Tac-Tile™ is UV stable, colorfast, graffiti-proof, and meets the requirements for Class A rating for flammability.

Material

Tac-Tile™ is glass and carbon reinforced copolymer, offering superior mechanical and thermal properties making it resistant to extreme weather conditions, hot or cold.

Tac-Tile's™ physical properties are significantly superior to standard glass reinforced compounds. This is due to the addition of specific chemical coupling agents to a glass reinforced copolymer. Stiffness and strength are increased while still retaining the outstanding chemical and wear resistance of the base copolymer.

ASTM Results

Here's where High Quality Tac-Tile™ meets and beats the competition. Our tile tests stronger than concrete and has a higher compression strength than granite and marble. Plus it has excellent slip, impact, and chemical resistance. Check out the results for yourself.

Property: Flame Spread

ASTM: E84

Result: 3

Property: Smoke Developed Index

ASTM: E84

Result: 78

Property: Critical Radiant Flux

ASTM: E648

Result: 1.0 + W/CM²

Property: Abrasion Resistance

ASTM: C501

Result: 621

Property: Wear Resistance

ASTM: D658

Result: 0.023 @ 60sec

Property: Slip Resistance

ASTM: C1028

Result: 0.88

Property: Impact Resistance
ASTM: D3029
Result: No Cracks

Property: Stain Resistance
ASTM: D2299
Result: No Stain

Property: Chemical Resistance
ASTM: D1308
Result: No dissolution

Property: Flexural Strength
ASTM: C293
Result: 20,450 psi

Property: Tensile Strength
ASTM: D638
Result: 6300 psi

Property: Compressive Strength
ASTM: D695
Result: 15,000 psi

Property: Freeze/Thaw/Heat
ASTM: C1026
Result: No Disintegration

Property: Accelerated Weathering
ASTM: G23
Result: No Deterioration

Property: Water Absorption
ASTM: D570
Result: 0.23%

Tac-Tile™ Configurations

Whether the project is a curb cut, parking area, transit platform, an existing site or new construction, one of High Quality's three tile configurations is sure to fit your needs. Each configuration is available in the standard size of two foot by four foot. High Quality will also cut tile to fit the application.

Retrofit Tac-Tile™

The most popular High Quality tile, the retrofit tile can be surface or flush mounted. With half inch flanges on the longitudinal side, this mechanically locks into place to prevent lifting, especially during snow removal. The retrofit tile is the most economical choice for existing sites.

Interlocking Tac-Tile™

Made for flush mount applications, these interlocking tiles ensure a tight seamless fit. Used for the highest degree of aesthetics, concealed fasteners are a standard feature.

Paver Tac-Tile™

The paver tile can be precast into concrete, embedded on site, or filled with concrete. It's also excellent for asphalt substrates and new construction.

AI-ASSEMBLY, INSTALLATION

There are a few simple steps to preparing a surface and installing High Quality Tac-Tile™. Detailed instructions are provided and technical support is always available by calling the High Quality 800 number. Or, if you prefer, High Quality is available to do the site preparation and/or the installation as a complete package. We use our own professional technicians – not subcontractors.

Accessories

Adhesive

High Quality recommends, and provides on request, a construction grade, structural elastomeric adhesive. The unique properties of the adhesive provides, not only, superior and anti-fracture adhesion, but also, protects the tile and the substrate as a waterproofing membrane.

Fasteners

The stainless steel fasteners are placed in the molded-in-recesses. The purpose of the fasteners is to ensure a tight bond between the tile, the adhesive, and the substrate during the curing process of the adhesive. This allows the work area to be open to foot traffic almost immediately after installation.

Caulking

Caulking is used in the sawcuts where the flanges are seated into the substrate, and optionally along the transverse joint between the tiles. This mechanically locks the flanges and provides for additional water protection in outdoor applications.

Design Assistance

In addition to site work and installation, High Quality also can assist you in the design of your detectable warning area.

Warranty

High Quality gladly provides a five year limited warranty against defects in material and workmanship.

AI-ASSEMBLY, INSTALLATION

Maintenance

Keeping Tac-Tile™ clean takes little more than water and a stiff bristle broom. On high traffic areas, pressure washing with a cleaning solution works well, while MEK or Xylene can be used to remove graffiti. Paint thinner or Xylene are recommended to remove gum.

For snow removal, a plastic shovel, power sweeper or stiff bristle broom will do the job. To treat ice, salt is recommended and will not damage the tile in any way.

For More Information

For more comprehensive information, drawings, specifications, or to find out more about our products and services, please call us today.

And remember, High Quality isn't just our name, it's our commitment.
Call 1-800-935-8450.
Proudly made in the U.S.A.

Electronic Data

Please look for us on Sweet's Web site
<http://www.sweets.com>

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