

MODULAR TILES

Tiles are nominally one foot square, 3/8" thick, with grooved underside for better adhesion. Tiles can be laid as regular floor tiles and require only surface preparation and adhesive.

All tiles are available in a range of colors including yellow, orange, blue, gray and white.

Special Features

- The truncated dome height is graduated to minimize risk of tripping
- Double flange and shiplap design lock tile into position to prevent lifting and create near seamless connections
- Armor-Tile composite and profiles are audibly detectable by cane contact
- Diamond-like vitrified polymer composite is two times more wear resistant than flamed granite
- Armor-Tile is secured in place with concealed fasteners and structural elastomeric adhesive system

The Durability Standard

Armor-Tile has more than double the wear resistance of flamed granite. This exceptional wear resistance means longer tile life and greater cost effectiveness. What makes Armor-Tile the toughest detectable warning system is our unique epoxy-based vitrified polymer composite with 50% abrasive-resistant mineral.

Test Results

- Taber abrasion testing according to ASTM C501 method with Abrasive Wear Indices exceeding 350 demonstrates excellent wear resistance equivalent to a superior wear resistant granite floor
- Abrasion Resistance of Stone Subjected to Foot Traffic (ASTM C421-85) testing determines Abrasive Hardness Value (Ha) of 98.74, well above Ha values of such building stones as flamed granite (Ha 45), limestone (Ha 10) and Quartzitic Stone (Ha 8)
- Stain Resistance: Armor-Tile has excellent stain resistance (Relative Stain Resistance of Plastics – ASTM D2299) with no discoloration occurring with chemicals such as motor oils, detergents, salt, bleach and calcium chloride
- Tensile Properties of Plastics (ASTM D638) testing demonstrates Armor-Tile to have tensile strength of 5800 psi, higher than concrete
- Impact Resistance of Plastics and Electrical Insulating Materials (ASTM D256) testing demonstrates Armor-Tile to have exceptional impact resistance with no cracking observed at room temperature, cold or hot
- Slip resistance testing gives Armor-Tile a Coefficient of Friction rating exceeding 0.80, averaged for wet and dry

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Armor-Tile

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