

# Product Specification Sheet: TAC Resistant Tile (Technical Anti-Slip Composite)

Tile Specification Team

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## Product Overview: TAC Resistant Tile

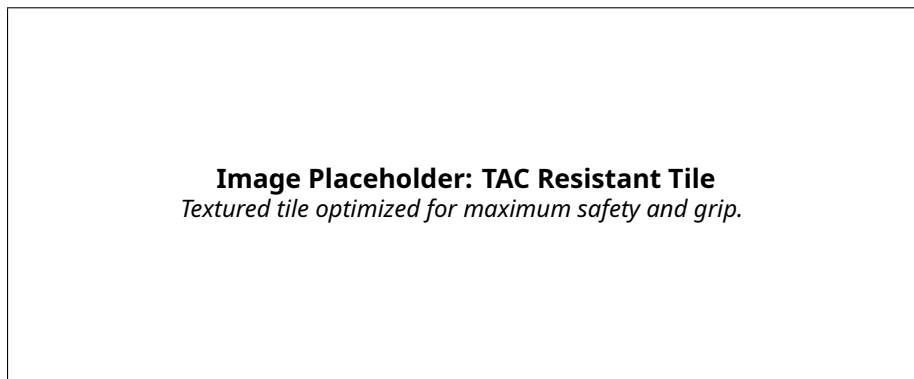


Figure 1: Representative image of the TAC Resistant Tile, emphasizing its textured, anti-slip surface.

The **TAC (Technical Anti-Slip Composite) Resistant Tile** is a purpose-built flooring solution engineered for maximum safety and performance in demanding environments. This product is characterized by its superior, permanent **Slip resistant** properties, making it essential for wet areas, exterior walkways, and industrial zones. Furthermore, it boasts exceptional structural **Durability**, designed to handle heavy, continuous traffic and harsh conditions.

## Key Features and Benefits

### Safety and Anti-Slip Performance

The tile's surface incorporates advanced micro-abrasive particles or a structured texture designed to create outstanding friction and grip, even when the surface is wet or contaminated with grease. This high coefficient of friction (CoF) significantly reduces the risk of slips and falls, making it the safety standard for applications like pool surrounds, commercial kitchens, washrooms, and outdoor ramps.

### Extreme Durability and Longevity

As a highly resilient floor covering, the TAC Resistant Tile is rated for extreme wear. Its composition is engineered to resist impact, scratching, and chemical degradation better than standard flooring. This **\*\*Durability\*\*** ensures the safety properties of the tile—its anti-slip rating—remain consistent and effective throughout the product's very long lifespan, offering reliable performance without the need for frequent replacement.

# Technical Specifications

Property	Value / Rating
Nominal Size	18 × 18 inches (45 × 45 cm)
Material Type	Homogeneous Porcelain (Unglazed/Structured)
Finish	Highly Textured Matte (Anti-Slip)
Application Area	Commercial Floor, Outdoor, Wet Areas
Water Absorption	< 0.1% (Fully Vitrified)
PEI Rating (Wear Resistance)	V (Heavy to Extreme Traffic)
Slip Resistance (Ramp Test)	R11 / R12
Frost Resistance	Yes
Chemical Resistance	Highly Resistant