

Product Specification Sheet: Germ Free Tile

Tile Specification Team

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Product Overview: Germ Free Tile

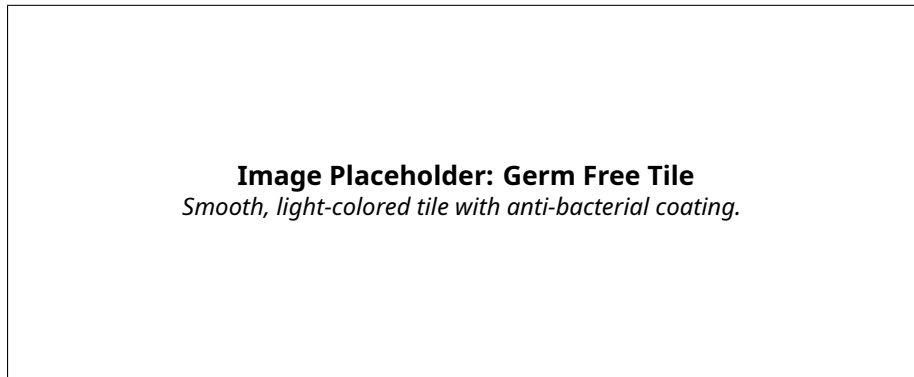


Figure 1: Representative image of the Germ Free Tile series, emphasizing its clean finish.

The **Germ Free Tile** is a high-performance solution engineered for environments where sanitation and hygiene are paramount. This tile is treated with a specialized, embedded coating, providing a durable **Anti-bacterial surface** that actively inhibits the growth of common bacteria and mold. It is the ideal choice for healthcare facilities, schools, laboratories, commercial kitchens, and public restrooms.

Key Features and Benefits

Advanced Anti-bacterial Protection

The core feature of this tile is its integrated anti-bacterial technology. This additive is uniformly distributed throughout the glaze or surface layer, ensuring long-lasting efficacy that does not wear off with cleaning. The constant antimicrobial action reduces microbial loads on surfaces, contributing significantly to a safer and cleaner environment and supporting infection control protocols.

Durability and Maintenance

The tile is designed to be exceptionally robust and **Easy clean**. Its non-porous surface resists staining and water penetration, and the smooth finish allows for efficient and thorough cleaning with standard, non-abrasive detergents. This combination of active anti-bacterial defense and simplified cleaning makes the Germ Free Tile highly durable and cost-effective over its lifespan, minimizing downtime and maintenance labor.

Technical Specifications

Property	Value / Rating
Nominal Size	24 × 24 inches (60 × 60 cm)
Material Type	Glazed Porcelain (Antimicrobial)
Finish	Semi-Gloss/Matte (Slip-Resistant)
Application Area	Commercial Wall and Floor
Water Absorption	< 0.5% (Impervious)
PEI Rating (Wear Resistance)	IV (Heavy Traffic)
Microbial Efficacy	≥ 99.9% Reduction
Chemical Resistance	Highly Resistant