

Glean Corporation Technical Specifications

INTERLOCKING TILES & BRICKS - TECHNICAL DOCUMENTATION

Product Overview:

Glean Corporation's interlocking tiles and bricks are manufactured from 100% recycled plastic bags using p

Material Specifications:

Interlocking Tiles:

- Dimensions: Multiple sizes available (12"x12", 16"x16", 24"x24")
- Thickness: 2.5" - 4" depending on application
- Weight: 4.4 lbs per tile (50% lighter than cement)
- Pressure Resistance: 5,700+ PSI
- Water Absorption: 0.2% (20X less than cement)
- Corrosion Resistance: 6X better than traditional materials
- Temperature Range: -40°F to 140°F operational range

Performance Characteristics:

- Tensile Strength: 4,500 PSI
- Flexural Strength: 1,200 PSI
- Impact Resistance: Superior to concrete pavers
- Slip Resistance: Meets ADA requirements (0.6+ coefficient)

Environmental Benefits:

- Recycled Content: 100% post-consumer plastic bags
- Carbon Footprint: 75% reduction vs. cement production
- Waste Diversion: 1,000+ plastic bags per sq ft
- End-of-Life: 100% recyclable back into new products

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