



10

YEAR

WARRANTY

Expected
Lifespan
20+ Years

FLEXI-TILE® 5 ESD

Flexi-Tile's ESD tiles are the most advanced and safe flooring solution on the market for work environments where electrostatic electricity is a hazard to both machinery and employees.

The ESD tiles work by redirecting electrical discharge through stainless steel microfibres within the structure of the tiles. Each tile is connected to a subfloor conductive grid with various earthing points, eliminating potentially dangerous electrical current. Our ESD tile meets the safety standard BS EN 61340-5-1-2010.

ESD grounding kits are essential for installing ESD tiles, the kit consists of a grounding strip, plug and connector. Flexi-Tile ESD flooring can be used as the primary grounding mechanism for the creation of an electrostatic protective area (EPA) in your factory, warehouse or office.

Applications



Electronic
Assembly Lines



Laboratories



Computer
Suites



Automotive
Industry



Industrial &
commercial

Colours Available



Creates electrostatic
protected area (EPA)



100% Recyclable



Maintains safety for
employees and prevents
damage to devices



Anti-slip properties



Protects



Easy Installation



Environmentally Friendly



Low Maintenance



Resistant to most
chemicals



FLEXI-TILE® 5 ESD Technical Specification

STANDARD	Material (PVC) Weight (kg)	Polyvinyl Chloride 2.1kg / tile
	Tile Dimensions	530 X 530mm
BS EN 428	Thickness	5 ± 0.2
BS EN 423	Staining Resistance	✓
BS EN 425	Castor Chair Suitability	✓
BS EN 427	Squareness & Straightness	<0.05
BS EN 660-2	Abrasion Resistance (Wear Group)	T
BS EN 649	Class 34 - Commercial/Very Heavy	✓
BS EN 649	Class 43 - Light Industrial/Very Heavy	✓
BS EN 20105	B02 Light Fastness	>7
BS EN 433	Residual Indentation (mm)	0.10
BS EN ISO 140-8	Impact Noise Reduction (Db)	16
BS EN 434	Dimensional Stability (%)	0.11
BS EN 434	Curling After Exposure Heat (mm)	0.15
BS EN 14041	European Building Standard	✓
BS EN 13501	Reaction To Fire Performance	Bfl-S1
BS EN 14184	Formaldehyde Content (Class)	E1 (CWFT)
BS EN 12667	Thermal Resistance (m ² K/W)	0.03807
EN 1081	Electrical Resistance (Ohms)	10 ³⁻⁷ Ω
BS EN 1815	Static Electrical Propensity (Kv)	<2.0
BS EN 13893	Slip Resistance (Class)	DS
DIN 51130	German Standard Slip Resistance	R10
DIN 53516	Mechanical Resistance	17N/mm ²
EC 19072006	Reach Compliant	✓
SHORE A	Hardness	92

For more information contact us now: **Telephone:** +44 (0) 28 9262 5898 **Email:** info@flexi-tile.com

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www.flexi-tile.com is part of the Unicorn Group