



FLEXI-TILE® 5 ESD

Flexi-Tile's **patented** 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 tiles. Each tile is connected to a subfloor conductive grid with various earth 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

Colours Available



Creates electrostatic protected area (EPA)



Patented ESD technology



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 1.8kg / tile
	Tile Dimensions	500 X 500mm
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 ⁵⁻⁷ 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