

# ESD Interlocking Floor Tiles - Dovetail Joint

## TECHNICAL DATASHEET

### DESCRIPTION

ESD Interlocking Floor Tiles are a tough, flexible and modern flooring solution. They can be used as your primary ground and are guaranteed to give ESD performance for the life of the tile.

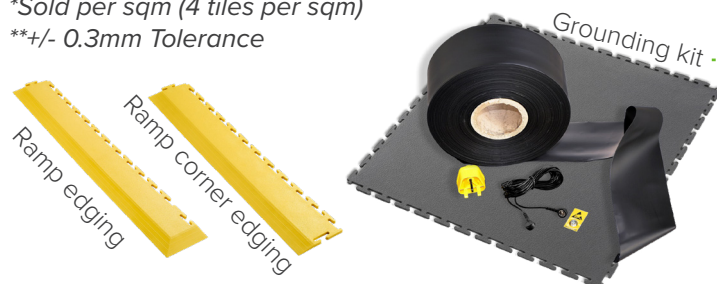
These electrostatic dissipative, interlocking floor tiles are ideal for use in electronics and telecommunications factories, computer server rooms, production plants; such as pharmaceutical, paint, petrochemical and certain food production facilities where there may be a of risk of dust explosion (sugar, floor dust etc).

### VARIATIONS

SKU	STYLE	COLOUR	SIZE** (mm)
084-0001	Floor Tile*	Grey	500 x 500
084-0003	Floor Pictotile	Yellow	500 x 500
084-0004	Ramp Edging	Yellow	500 x 90
084-0005	Ramp Corner Edging	Yellow	590 x 90
084-0002	UK Grounding Kit	Grey	500 x 500
084-0006	EU Grounding Kit	Grey	500 x 500

\*Sold per sqm (4 tiles per sqm)

\*\*+/- 0.3mm Tolerance



### FEATURES

- Chemically resistant
- Environmentally friendly
- Fire retardant
- Simple installation
- Smart modern appearance

### PROPERTIES

PROPERTY	RESULT
Thickness	6.8mm +/- 0.3mm
Weight	8.86kgs/m <sup>2</sup>
Guarantee	10 years
Anticipated service life	25 years +
Material	PVC
Joint	Dovetail

### GROUNDING KIT

Our ESD grounding kit is required for fitting floor tiles. The kit includes:

1. Earth bonding plug
2. Conductive grounding tape
3. Earth cord with 1 Megaohm resistor
4. ESD tile with grounding stud

**1 kit required per 50m<sup>2</sup> of flooring**

To request a quotation or for more information, please call **+44 (0)1473 836200**  
email [info@antistat.co.uk](mailto:info@antistat.co.uk) or visit [www.antistat.co.uk](http://www.antistat.co.uk)

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## TECHNICAL SPECIFICATIONS

PROPERTIES	TEST STANDARDS	RESULT
Slip resistance	EN 14041:2004 DIN 51130:2004	Pass R10
Fire performance	BS 476: Part 7 DIN 13501: 2004	Class 1 spread of flame Bfl-S1 Does not support combustion
Stain resistance	EN 423	Good
Abrasion wear resistance	EN 13845 EN 649	50K cycles Group T
Mechanical resistance	DIN 53516	17N/mm <sup>2</sup>
Resistance to hot objects/solder		Good
Thickness of wear layer	EN 429	6 to 10mm
Hardness	ISO 868	89-92 Shore A
Impact resistance	EN 13329-549	549kg/cm <sup>2</sup>
Noise reduction	EN 140-8	>46db
Determination of length, squareness and straightness:	BS EN 428:1993	<0.13% / 0.5mm maximum
Chemical resistance	EN 13529	Good resistance to most commonly used chemicals. Common acid oils and gas oil - no deterioration / not resistant to prolonged contact
Colour fastness	EN 50105-BO21	5

## PERFORMANCE AND TEST RESULTS

These interlocking floor tiles have been independently tested:

- Surface resistance:  $2.2 \times 10^4$  to  $3 \times 10^6$  ohms
- Resistance to ground:  $2.9 \times 10^4$  to  $5.7 \times 10^5$  ohms
- Walking test: <100V
- Static decay at 15% humidity: 0.01sec

The test results guarantee that this product complies with British Standard BS EN 61340-5:2001 and IEC 61340.

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