

PRODUCT

Interlocking ESD Floor Tiles - X Joint

TECHNICAL DATASHEET



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

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

FEATURES

- Simple Installation
- Smart Modern Appearance
- Chemically Resistant
- Fire Retardant
- Environmentally Friendly

PROPERTIES

PROPERTIES	RESULT
Dimensions	497mm x 497mm
Thickness	6.8mm +/- 0.3mm
Weight	8.40kgs/m ²
Guarantee	Lifetime Manufacturer's Guarantee
Anticipated Service Life	25 Years +
Material	PVC
Joint	X Joint

To request a quotation or for more information, please call **+44 (0)1473 836200**
email info@antistat.co.uk or visit 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	Lifetime Manufacturer's Guarantee
Mechanical Resistance	DIN 53516	17N/mm ²
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 ²
Noise Reduction	EN 140-8	>46db
Determination of Length, Squareness & Straightness:	BS EN 428:1993	<0.13% / 0.5mm max.
Chemical Resistance	EN 13529	Good resistance to most commonly used chemicals. Common acid oils & gas oil - No deterioration / Not Resistant to prolonged contact
Colour Fastness	EN 50105-BO21	5

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PERFORMANCE & TEST RESULTS

The X Joint ESD floor tile has been independently tested against EN 14041:2018:

- Resistance ($> 3.4 \times 10^4 \Omega$ and \leq to $5.0 \times 10^6 \Omega$)
- Prevents static generation (< 100 volts)

The test results guarantee that X Joint ESD floor tile complies with British Standard BS EN 61340-5-1:2016 and IEC 61340-5-1:2016

ADDITIONAL PRODUCTS

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 $1M\Omega$ Resistor
4. ESD Tile with Grounding Stud

(1 kit required per 50m² of ESD flooring)

We also supply Corner and Ramp tiles which allow for easy fitting and accessibility for users.



PRODUCT CODE

PRODUCT CODE	DESCRIPTION	JOINT	COLOUR	QUANTITY	SIZE (mm)
084-0019	ESD Grounding Kit (EU)	X Joint	Grey (Tile)	-	-
084-0020	Interlocking ESD Floor Tile	X Joint	Grey	4**	497 x 497 x 6.8*
084-0021	Interlocking ESD Floor Pictotile	X Joint	Yellow	1	497 x 497 x 6.8*
084-0022	ESD Grounding Kit (UK)	X Joint	Grey (Tile)	-	-
084-0023	Yellow Interlocking Edging Strip	X Joint	Yellow	1	497 x 90 x 6.8*
084-0024	Yellow Interlocking Corner Strip	X Joint	Yellow	1	580 x 90 x 6.8*

*+/- 0.3mm Tolerance

**Sold per sqm (4 tiles per sqm)

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