

Ecotile Conductive Flooring

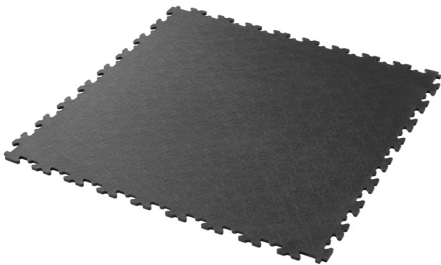
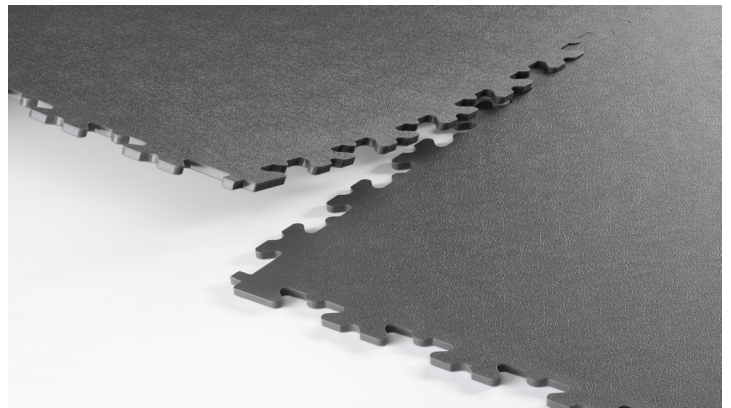
Developed over a 2-year period working with the **UK's Ministry of Defence (MoD)**, Ecotile have created a new conductive flooring solution. It's designed for use within areas where there is a risk of explosion and danger to life. Ecotile Conductive Flooring has been reviewed and tested by the MoD Defence Ordnance Safety Group (DOSG) and has been specified as the recommended flooring for Ammunition Process Buildings (APBs), storage and logistic facilities.

Ecotile's X500-Rapid Discharge low resistance flooring system delivers an average surface resistivity of 1.8 to 9.9k Ω . Tested in accordance with ESTC Standard No.6.

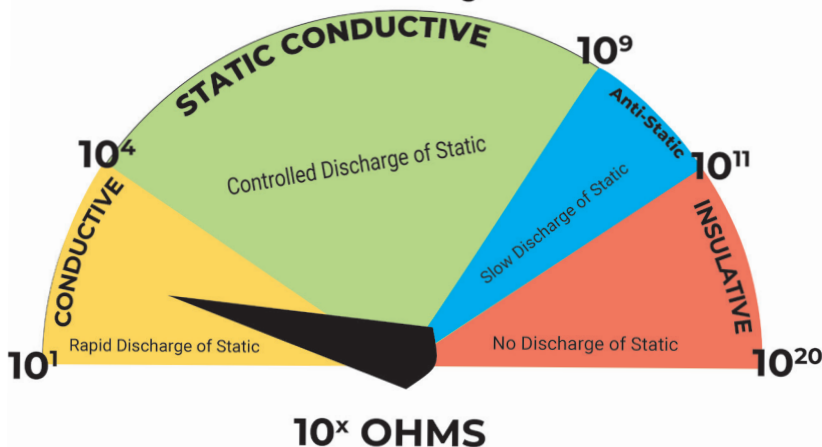
Perfect for The Defence Estate

- Explosives processing facilities
- Ammunition Process Buildings
- Explosive Category C & D buildings

- Average surface resistivity: 26.4K Ω
- Resistance to ground: 1.8 to 9.9k Ω



Conductivity Scale



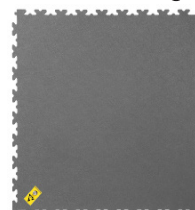
While ESD flooring is commonly used to protect against static electricity in areas with electronic equipment, the MoD's requirements needed to protect people and explosive materials.

Our standard ESD tiles slowly dissipate electricity in a controlled manner, preventing charge from passing through electronics too quickly.

For the MoD's facilities, we developed a conductive floor tile which offers a much lower electrical resistance. Ensuring any static charge is dissipated immediately and safely, preventing the possibility of any sparking in areas where explosive materials are stored or processed.



Dark Grey



TECHNICAL SPECIFICATIONS

Dimensions:	497mm x 497mm +/- 0.3mm
Thickness:	6.46mm +/- 0.3mm
Weight:	8.40kgs/m ²
Guarantee:	10 Years
Anticipated Service Life:	25 Years +
Material:	PVC (100% Recyclable)
Colors:	Dark Grey, Light Grey

Surface Resistivity:	Average 26.4KΩ	
Resistance to Ground:	1.8 to 9.9KΩ	
Walking Test:	<100V	
Static Decay at 15% Humidity:	Static Decay at 15% humidity: 0.01sec	
Slip Resistance:	EN 14041:2004 DIN 51130:2004	Pass R10
Fire Performance:	BS 476: Part 7 DIN 13501: 2007	Class 1 Spread of Flame Bfl-S1 -Does not support combustion
Abrasion Wear Resistance:	EN 13845 EN 649	50K Cycles Group T
Mechanical Resistance:	DIN 53516	17N/mm2
Thickness of Wear Layer:	EN 429	10mm
Hardness:	ISO 868	89-92 Shore A
Impact Resistance:	EN 13329-549	549kg/cm ²
Noise Reduction:	EN 140-8	>46db
Thermal Insulation:	1.1 m ² K/W	

Head Office & Factory

Unit 15 North Luton Industrial Estate
Sedgwick Road, Luton, LU4 9DT
Tel: +44 (0) 1582 788 232
www.ecotileflooring.com

