

X-Joint ESD Floor Tile Data Sheet



EN/ISO 61340/5, EN 1081,
EN1815 & EN6356
ESD Flooring - Resistance to Ground



EN/ISO 61340/5, EN 1081,
EN1815 & EN6356
ESD Flooring - Surface Resistance

The test results guarantee that Ecotile 500/ESD complies with British Standard BS EN 61340-5-1:2016 and IEC 61340-5-1:2016

TECHNICAL SPECIFICATIONS

Dimensions:	497mm x 497mm +/- 0.3mm	
Thickness:	7.44mm +/- 0.3mm	
Weight:	9.18kgs/m ²	
Guarantee:	10 Years	
Anticipated Service Life:	25 Years +	
Material:	PVC, Steel Fibres	
Colours:	Dark Grey	
Surface Resistivity:	1.46 x 10 ⁶ Ω (Average reading)	
Meeting Your Resistance Requirements:	Ecotile's standard ESD flooring is typically grounded with a 1 megohm resistor to safely control the dissipation of static charges. We offer bespoke solutions tailored to your specific resistance needs, ranging from conductive to the higher end of the ESD spectrum. Contact us to discuss your requirements.	
Resistance to Ground:	9.3 x 10 ³ Ω (Average reading)	
Walking Test:	<100V	
Static Decay at 15% Humidity:	Static decay at 15% humidity: 0.01sec	
Slip Resistance:	EN 14041 DIN 51130	Pass R10
Fire Performance:	EN 13501-1	Class 1 Spread of Flame Bfl-S1 - Does not support combustion
Effect of Castor Chair	EN ISO 4918	Pass (no damage)
Flexibility	ISO 24344	Pass (no cracking)
Thickness of Wear Layer:	EN ISO 24346	7.44mm +/- 0.1mm
Hardness:	ISO 868	89-92 Shore A
Impact Resistance:	EN ISO 24335	549kg/cm ²
Noise Reduction:	ISO 10140	>46db
Thermal Insulation:	1.1 m ² K/W	
Determination of Length, Squareness & Straightness:	EN ISO 24346	<0.13% / 0.3mm max.

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