

Ecotile Rapid Discharge Low Resistance Flooring

Developed over a 2-year period working with the **UK's Ministry of Defence (MoD)**, Ecotile have created a new ultra-low resistance rapid discharge flooring solution. It's designed for use within areas where there is a risk of explosion and danger to life. The rapid discharge 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.



**LIGHT GREY &
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 26.4K Ω	
Resistance to Ground:	1.8 to 9.9K Ω	
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/mm ²
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	

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