

The ERGOMAT Optimal Smooth ESD is an exceptional anti-fatigue mat specially designed for areas where electrostatic dissipation is required. This durable double layer mat consists of a smooth, easily cleaned top layer and a foamed EPDM rubber bottom. The mat has a natural bevel on all sides for safety.



The Optimal Smooth ESD Advantage

- Ideal for any environment where electrostatic dissipation is necessary
- Drop protection for sensitive parts or equipment
- Closed cell/non-porous surface allows for easy cleaning
- Silicone and latex free

Anti-Fatigue Benefits

- Provides comfort for standing workers in technical environments
- Physiological benefits include increased alertness, reduced sick-leave and fewer quality issues
- Every edge beveled for safety

3-Year Warranty

All Ergomat product lines are conditionally warranted against normal usage* 24 hours a day, 7 days a week. The warranty does not cover damage caused by the mat being dragged or pulled from a heavy load or items being pushed or dragged across the product, such as skids or pallets. The warranty against chemicals, oils, liquids, or other matter differs with the type of mat. Please consult your dealer or an Ergomat Rep to select the correct mat for your environment. The warranty periods starts from the date of purchase. The warranty only covers the replacement of the product, no direct or indirect costs are covered.

* It is considered normal usage when a person stands or walks on the Ergomat with regular footwear in an environment where the temperature is under 25° C (77° F) and the humidity is below 80%.

ERGOMAT® Optimal Smooth ESD



www.ergomat.com - info@ergomat.com

US: +1-440-282-4651
 English (EU): +44 03308 280 084
 Scandinavia: +45 70 22 18 40
 German: +49 9524 30367-50
 French: +33 1 446 410 28
 Dutch: +31 73 613 05 30



MATTING



DURASTRIPE



FURNITURE



FIRST AID



FACILITY SAFETY



LED SOLUTIONS

Properties

Requirements in accordance with standard EN 1817

Characteristics	Standards	Measurement Unit	Requirements	Average Values NAT 3mm
Hardness	ISO 7619	Shore A	≥ 75	85 ± 5
Residual indentation	EN 433	mm	≤ 0,20	0,10
Abrasion resistance	ISO 4649 (Met.A - 5N)	mm ³	≤ 3 250	200
Dimensional stability	EN 434	%	± 0,4 max	≤ 0,4
Thermic resistance	DIN 52612	M ² K/W	-	0,020
Electrical resistance	IEC-613404-11	Ohm	-	5 x 10 ⁶ Ω
Electrostatic charge when walked on	EN 1815	kV	≤ 2	≤ 2 antistatic
Resistance to stains	EN 423	-	-	resistant*
Acoustic insulation when walked upon	ISO 140-8	dB	-	10
Slipping resistance	DIN 51130	class	BIA	R9
	BCRATORTUS TEST ASTM D 2047-93	μ	≥ 0,40 ≥ 0,6 (ADA)	0,60
Colour Fastness to artificial light	ISO 105-B02 Met. 3	degree	≥ 6 blu scale ≥ 3 grey scale	in accordance
Cigarette burns	EN 1399	rating	met.A ≥ 4 met. B ≥ 3	in accordance
Fire behaviour	DIN 4102	class	B1	B1
	ASTM E 648		1	1
	UNI 8457 - UNI 9174		1	1
	NFP 92-507		M3	M3
Flexibility	EN 435 Met.A (Ø 20 mm)	-	no fissuring	no fissuring
Effect of a castor chair	EN 425 Castor wheels typeW	-	no alterations	suitable

Technical data might be subject to modifications

Colors Available: Grey, Black and Blue

