

# 453 Skywalker® II ESD



- This Notrax® Electro Static Discharge (ESD) protective mat is formulated to drain static electricity from workers thereby avoiding unpleasant static shock while safeguarding equipment.
- Pebble surface provides slip resistance, favors easy twist-urns and overall freedom of movement, allows wheeled access and is easy to sweep clean.
- Made of high quality static dissipative polyurethane.
- Excellent thermal insulation performance is owed to a uniform closed cell structure wherein gas remains trapped.
- Provides sensational standing comfort and longevity, maintaining its optimal ergonomic properties for the longest time.
- Integral skin adds to the compression force deflection properties provide resistance to wear and is non-porous.
- Environmental friendly, produced without use of organic carbon-based blowing agents, therefore free of Freon.
- All 4 sides have bevelled edges.
- Free of toxic DOP and DMF
- Meets IEC61340-4-1, measured resistance Rg 10<sup>6</sup> - 10<sup>9</sup> Ω, Rp 10<sup>6</sup> - 10<sup>9</sup> Ω.

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PRODUCT SPECIFICATIONS		
Designation	Industrial matting	
Type	Anti-fatigue / static dissipative	
Description	Uniform closed cell structure wherein gas remains trapped, pebble surface	
Material	Polyurethane (ether based)	
Process	Injection moulding	
Category	Best	
Recommended use	Medium duty - dry areas	
Colours	Black	
Weight	4.4 kg/m <sup>2</sup>	
Thickness	13 mm	
Standard sizes	65 cm x 90 cm 65 cm x 135 cm 65 cm x 175 cm 90 cm x 125 cm 90 cm x 155 cm 90 cm x 185 cm	
Custom sizes	Custom sizes available per m <sup>2</sup>	
Special remarks		
PRODUCT TESTING		
Tests	Norms	Results
Compression set	DIN 53572	3.9%
Density	DIN 53420	350 kg/m <sup>3</sup>
Abrasion resistance (2.5N)	DIN 53516	150 mg
Static coefficient of friction	ASTM C1028-96	
Elongation at break	DIN 53455-6-4	300%
Tensile strength	DIN 53455-6-4	1 N/mm
Graves tear strength	DIN 53507-A	1.7 N/mm
Shore hardness	ASTM 53505	25 Shore A
Strain hardness (40%)	DIN 53577	0.25 N/mm <sup>2</sup>
Anti-slip		
FIRE TESTING		
	Resistance to temperature	-40° C until + 80° C
	Fire retardancy	EN 13501-1
	Flammability test	DIN 4102
ESD	ANSI ESD S7.1 50% Humidity	B2 - Normal flamability RG 1,7 x 10 <sup>7</sup> Ω
Sustainability	<ul style="list-style-type: none"> <li>• Recyclable material</li> <li>• Reach Compliant (Registration, Evaluation, Authorization and Restriction of Chemicals)</li> </ul>	