

Technical Information

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Part No.: 1250.680.x



Certified by DQS
ISO 9001:2008



Wolfgang Warmbier[®]
Systeme gegen Elektrostatik

◆ Untere Gießwiesen 21 ◆ 78247 Hilzingen ◆ Tel.: +49-7731-86880 ◆ Fax: +49-7731-868830

ECOSTAT[®] Mega - 3.5 Rubber (Part No.: 1250.680.x)

- Volume dissipative flooring with conductive backing
- Two layer rubber flooring
- Complies with IEC 61340-5-1
- Insulation resistance according to DIN VDE 0100-410 (Personnel safety)
- Self-laying (without glue)
- Elastic
- Reusable
- Granules design



Conductive backing



- Groundable i.e. with 10 mm snap



Part.-No.: 2280.771.11 and 2280.771.12.1

Product qualification according to IEC 61340-5-1 Ed. 1.0 (2007-08):

	Test method	Limits	Typical values
Resistance to groundable point R_{gp}	IEC 61340-4-1	$< 1 \times 10^9 \Omega$	$10^7 \Omega$
System resistance - Person / footwear / flooring R_q	IEC 61340-4-5	$< 3,5 \times 10^7 \Omega$	$10^7 \Omega$ depends on footwear
Body voltage (Walking test)	IEC 61340-4-5	$< 100V$	$< 100V$ depends on footwear

Environmental conditions: 12 ± 3% RH and 23 ± 2°C (conditioning > 48 hours)

Electrical properties:

	Test method	Typical values
Point to Point resistance R_{p-p} (Conductive backing)	IEC 61340-2-3	$10^2 - 10^3 \Omega$

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Technical Data:

Property	Test standard	Requirement	Comment
Thickness		-	3,5 mm
Hardness	ISO 7619	-	85 ± 5 shore A
Weight	EN 430	-	4650 g/m ²
Effect of chair castors	EN 425	-	No effect, suitable if type W according to DIN 68131
Size	EN 430	-	length 10 m width 1,22 m
Indentation	EN433	-	≤ 0,25 mm
Insulation resistance R _i	VDE 0100	> 5 x 10 ⁴ Ω (U _N = 500 volts)	> 5 x 10 ⁴ Ω
Abrasion resistance at 5N	ISO 4649	≤ 250 mm ³	≤ 200 mm ³