SIEMENS

Technical Information

ECOSTAT-DF SAFE-2.0

(Part No.: 1308.2B.002.20.x)

- Multi-layer vinyl flooring
- Dissipative floor DIF according to IEC 61340-4-1 (class: DIF)
- Suitable for Electronics and telecommunication industries
- Suitable as primary means of grounding personnel wearing conductive shoes
- No conductive glue needed
- Suitable for chair castors

! Not suitable for fork lift traffic and high humidity environments

Colour No. 84214

Technical Data:

Property	Standard	Requirement	Typical values
Thickness Wear layer Weight Size	EN 428 EN 429 EN 430 EN 426		2,0 mm 0,5 mm 2700 g/m^2 Roll: length 8- 20 m width 2 m
Resistance to ground R_E	IEC 61340-4-1	IEC 61340-4-1 $10^6 < R_E \leq 10^9\ \Omega$ (Class DIF)	10^6 –$10^8\ \Omega$
Wearer overall resistance $R_{E\ System}$	ESD STM 97.1-1999	EN 61340-5-1 ≤ 35 MΩ (≤ 3,5 x $10^7\ \Omega$) (Recommended for primary means of grounding)	10^6 –$10^8\ \Omega$ (depends on footwear)
Walking Test (Body voltage measurement)	ESD STM 97.2-1999	Recommendation: Ideal case: Body voltage < 100 V If body voltage > 100 V: Decay time < 0,3 sec.	Body voltage < 100 V (depends on footwear)
Insulation resistance R_I	DIN VDE 0100-610	> 5 x $10^4\ \Omega$	> 5 x $10^4\ \Omega$
Effect of chair castors	DIN 68131/EN 425		no effect, suitable if Type W according to DIN 68131
Dimensional stability	DIN 1817 / EN 434	± 0,4%	< 0,08%
Residual indentation	DIN 51955 / EN 433	≤ 0,1 mm	< 0,02 mm (after 2,5 h)
Colour fastness	ISO 105 B02	Note 6	≥ 7
Sound insulation	ISO 140-8		ca. 2dB
Fire resistance	DIN 4102	B2	B1
Abrasion resistance	EN 660 Pt2		Group T ≤ 2,0 mm^3
Thermal resistance			0,25 W/m K

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