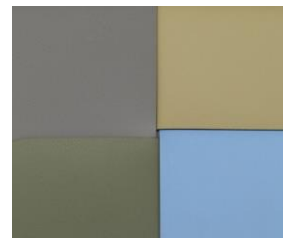


CADSTAT 2LBM Static Dissipative 2-Layer Matting

- Rugged synthetic rubber (NBR/SBR) with excellent lay-flat properties.
- Two-layer material with a subtle matt textured top finish.
- Meets requirements of IEC61340-5-1 and ANSI ESD S20.20.
- Resistant to solder, heat and most chemicals found in a typical electronics workshop.
- Abrasion resistant.
- Halogen free.
- Volume conductive bottom & dissipative top layers.
- Thickness: 2mm (nominal).
- Colours:
 - 2LBM-LB = light blue
 - 2LBM-PG = mid grey
 - 2LBM-GN = light green
 - 2LBM-BE = beige
- Due to the natural characteristics of NBR/SBR, colour change may occur over time.
- Options:
 - 0.61 x 10m roll
 - 1.22 x 10m roll
 - Custom cut
 - 10mm snap studs fitted.



Reproduced colours are only indicative, due to variables in print reproduction, product process control tolerance, etc.

Physical properties:

	Standard	Value
Density	DIN 53479	1.4 g/cm ³
Abrasion (5N load)	DIN 53516	130mm ³
Hardness	DIN 53505	78 Shore A
Impression test	DIN 51955	0.1mm
Light reflection	DIN 5036	19% - 29%
Usable temperature range	-	Up to +60°C

Electrical properties: Product qualification according to IEC61340-5-1

Coloured Dissipative Top Layer	Test Method	Limits	Typical Values
Resistance-to-Groundable Point (R _{GP})	IEC61340-2-3	< 1 x 10 ⁹ Ω	10 ⁶ - 10 ⁷ Ω
Resistance Point-to-Point (R _{P-P})	IEC61340-2-3	< 1 x 10 ⁹ Ω	10 ⁷ Ω
Conductive Bottom Layer			
Resistance Point-to-Point (R _{P-P})	IEC61340-2-3	N/A	10 ³ - 10 ⁴ Ω
<i>Environmental conditions: 12+/- 3%RH and 23 +/- 2°C (conditioning >48hrs)</i>			

Cleaning

Regular cleaning with ICSC is highly recommended; ICSC-32-ESD, ICSC-GAL, see web site for details.

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June 2021