



Rubber ESD Floor Material

BFM

Description

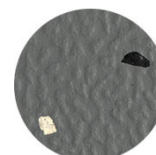
Durable static dissipative rubber matting with a conductive backing manufactured to the highest quality to prevent static build-up. This matting fully complies to DIN EN 61340- 5-1 standards, along with an insulation resistance that accords to DIN VDE 0100-410 (personnel safety). The top layer has a smooth surface which allows for easy cleaning with a Killstat floor cleaner. The matting must be grounded to Earth and cleaning should be maintained on a regular basis for maximum efficiency. Material is abrasion-resistant and is suitable for chair castors (depending on substrate). It is 2.5mm thick and the maximum roll size is 1500mm wide and 10 metres long. Installation can be secured with double sided tape. Custom sizes available on request to suit any requirement.



Colour Options
(May vary between batches)



Light Grey Fleck



Dark Grey Fleck

Features

- Two colour options, light and dark grey fleck.
- Matting has two layers - a static dissipative surface and a conductive backing.
- Material is 2.50mm thick.
- The rubber is heat resistant.
- The rubber remains in its same form even in cold or warmer conditions. The ESD properties will not fluctuate.
- Material is abrasion-resistant and is suitable for chair castors (depending on substrate).
- The smooth surface allows for easy cleaning.
- Installation can be secured with double-sided tape.
- Custom sizes available to suit any requirement.
- Complies to DIN EN 61340-5-1 standards.
- The insulation resistance accords to DIN VDE 0100-410 (personnel safety).
- RoHS and REACH compliant.

Cleaning

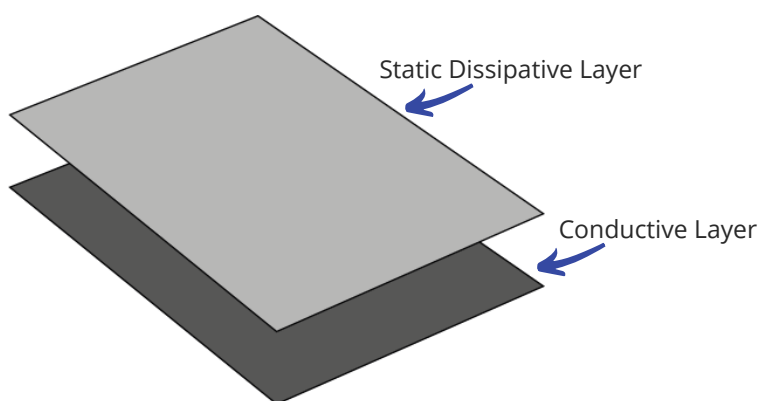
For optimum electrical performance, the surface must be cleaned regularly using an ESD-safe mat cleaner. Dirt can behave as an insulator, it is important to regularly clean the mat before testing / monitoring the resistivity. We suggest using Killstat floor cleaner for best cleaning results.





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Construction

The matting is made up of two layers - a static dissipative top surface and a black conductive bottom layer.

The black conductive bottom layer provides a superior and consistent ground path to Earth.

The material is heat and solder resistant. It will not melt like other vinyl floor material, making it very durable.

General Specifications	Typical Values
Material	Synthetic rubber
Construction	Two layer, static dissipative top surface, black conductive bottom layer
Thickness	2.50mm
Colour	Dark grey or light grey fleck
Static dissipative top surface	$10^{(6)} - 10^{(9)}$
Black conductive bottom layer	$10^{(3)} - 10^{(6)}$
Resistance to ground	Less than $10^{(9)}$
Electrostatic dissipation time	<0.1s
Scratch resistance	No clear scratch
Heat resistance	Heat and solder resistant. Rubber material will not melt like other vinyl floor material.





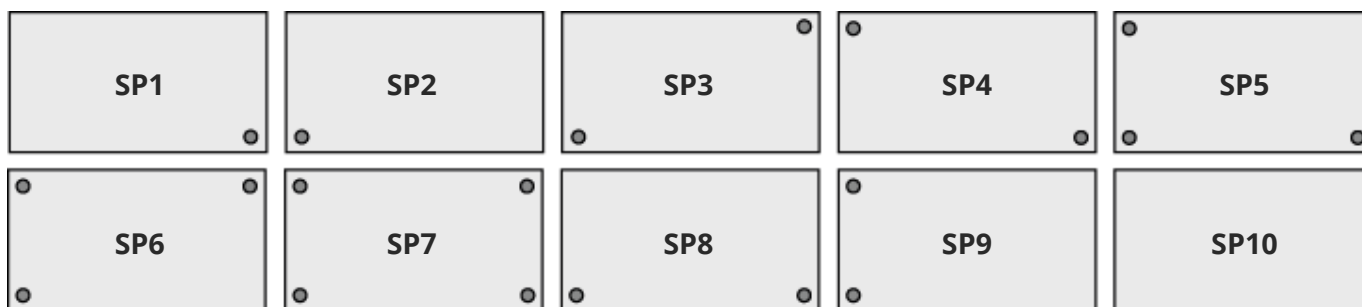
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Standard Product	Description
BFM/LG10	ESD Floor Material 1.5 x 10m
BFM/LG42	ESD Floor Material 0.6 x 1.2m
BFM/LG45	ESD Floor Material 0.6 x 1.5m
BFM/LG58	ESD Floor Material 1.5 x 2.0m

Custom sizes can be manufactured to specific requirements.

Stud Position



NOTE: ESD heel straps or footwear must be worn in conjunction with any ESD flooring in order to prevent a build-up of static charge. This allows for the operator to be safely grounded to Earth while transporting static-sensitive devices.





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Bespoke Flooring

We provide a premium service of bespoke custom sizing for our floor matting to suit all customer requirements. If you would like bespoke customisation, please make an enquiry to us.



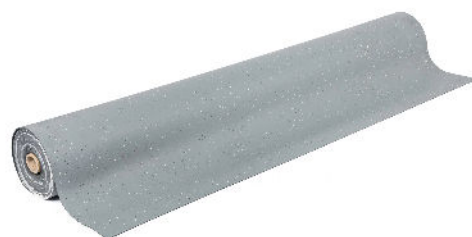
Benefits of Using Bondline For Your ESD Flooring Installation

- Over 30 years' experience of installing ESD flooring.
- Advice on floor preparation and most appropriate material to use.
- Variety of materials to choose from.
- Complete supply, deliver and install package
- Installation by our recommended fitters with experience of floor installations.
- Test certification.
- Annual testing/certification if required.

Bondline can provide installations of:

- ESD Rubber / Vinyl Material.
- ESD Static Dissipative Tiles.
- Interlocking Tiles.
- Vinyl Sheets.

Make an enquiry today about our bespoke flooring by contacting us.



Important Notice: The information contained within this spec sheet is for guidance only. We make no warranties expressed or implied and assume no liability regarding any use of this information. Rubber ESD Floor Material, May 18th 2021.