



JOTUN

Jotun Protects Property

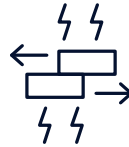
Anti-Static Floor Coating Solution

Jotafloor

SUPERIOR FLOOR PROTECTION

What is Electro Static Discharge (ESD)?

It's a sudden release of built-up static electricity between two objects - similar to the small spark you feel when touching a doorknob after walking on carpet



What is static electricity?

Happens when friction causes electric charges to build up and stay on surfaces until they are released.

Why is electric static discharge essential?



Can damage: Microchips, circuits and sensitive electronic equipment.



Can cause fires or explosions: in areas with flammable liquids, gases or dust (e.g. hospital operating rooms, explosive assembly areas).

Sustainable Anti-Static Coating system meeting LEED and BREEAM standards

Jotafloor

ANTI-STATIC

Jotafloor Anti-Static floor coating solution provides superior protection from Electro Static Discharge events. The complete system prevents the accumulation of any static charges, by dissipating it from the topcoat to the primer, and eventually to the copper grid, leading it to be safely discharged at an earthing point.

Jotafloor Anti-Static floor coating solution complies with **LEED and BREEAM** criteria, contributing to green building certifications.

Key Features



Highly
Electrostatic
Conductive



Self
Smoothing



Seamless, Smooth
and Easy to Clean



Provides
Hygienic Surface



Wide Range
Of Colours



Increased Durability
and Longevity

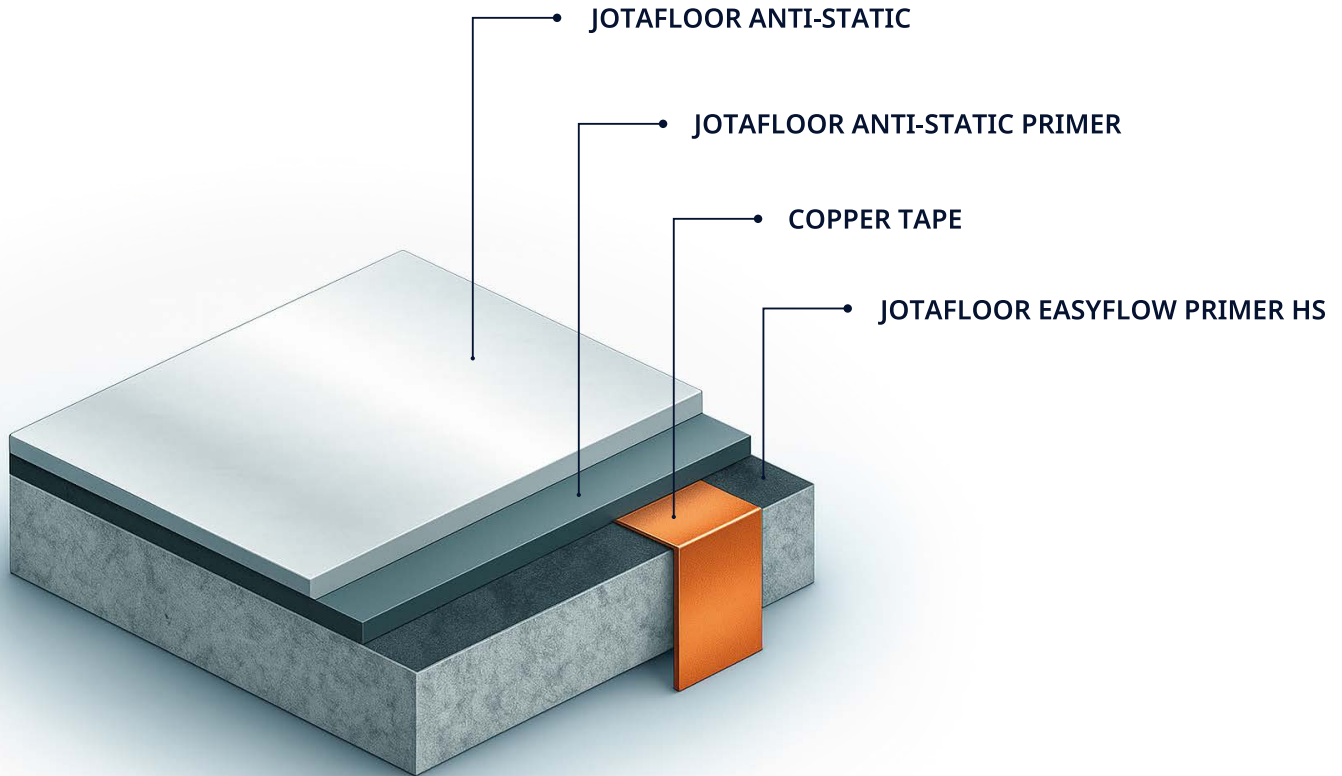
Recommended System

Product	DFT, μm	# Coats
Jotafloor Easyflow Primer HS	150	2
Copper Tape Grid	-	-
Jotafloor Anti Static Primer	35-50	1
Jotafloor Anti Static	1500-2000	1

Areas of use

Data Center, Hospital,
Arms and Ammunition,
Storage Areas,
Electrical Rooms
Electronics, Appliance
Industry and Electrical
Substation.

How it works



Global Standards

Jotafloor Anti-Static coating meets IEC 61340 and ANSI ESD 20.20, which are the standards that define the requirement for all relevant components in ESD protected areas. This includes:

Electrical resistance to ground as per IEC 61340-4-1 of the flooring should be $< 10^9$ ohms.

Electrical resistance properties of system including person + footwear + floor should be less than 3.5×10^7 ohms as per IEC 61340-4-5.

The body voltage generation should not exceed 100 volts as per IEC 61340-4-5.

Areas of usage?

An Anti-Static coating is required for places sensitive to static discharges, such as:



Data center



Laboratories



Electronic assembly



Medical facilities



Pharmaceutical



Ammunition storage warehouse

Measurement of the conductivity or electrical resistance of Jotafloor Anti-Static systems.



Measurement Range

$1 \times 10^2 \Omega$ to $1 \times 10^9 \Omega$



Metering Voltage

- For resistance $< 1 \times 10^6 \Omega \rightarrow 10 \text{ V}$
- For resistance $\geq 1 \times 10^6 \Omega \rightarrow 100 \text{ V}$



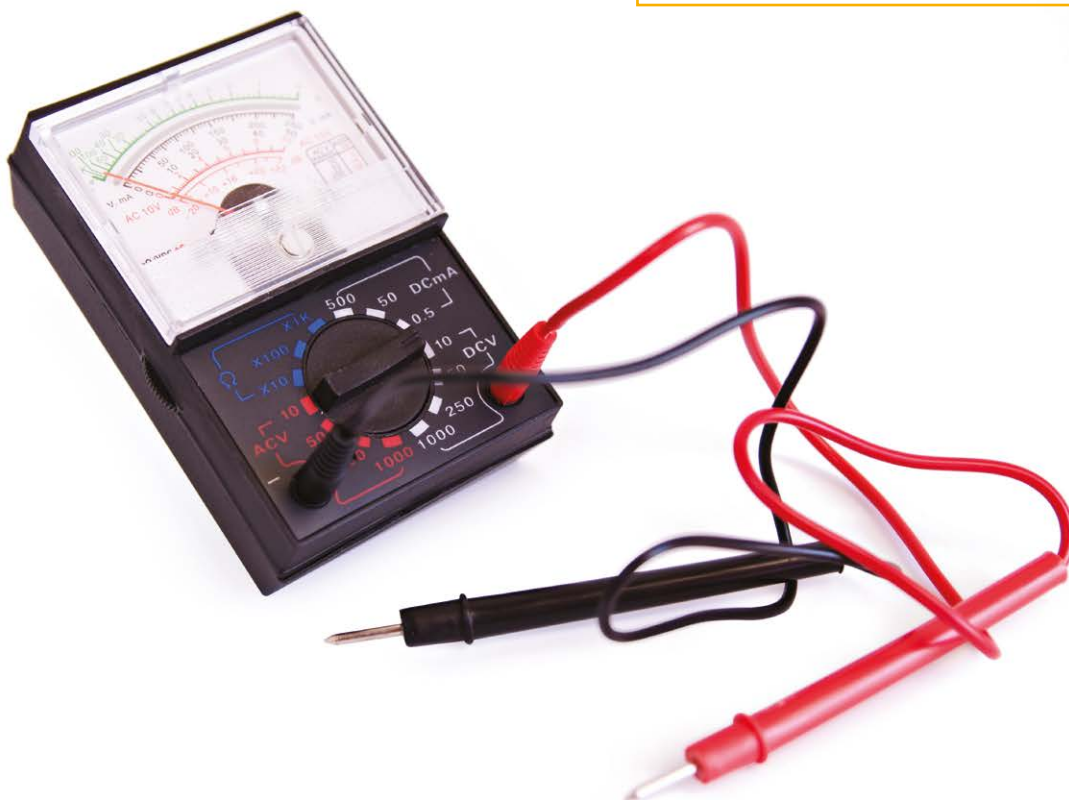
Body Voltage Generation (Bvg)

measured separately using an Electrostatic Field Meter



Recommends Measurement According to IEC 61340

- Type: Metal electrodes
- Contact area: $65 \pm 5 \text{ mm}$
- Rubber pad hardness: Shore A = 60 ± 10
- Weight: $2.5 \pm 0.25 \text{ kg}$
- Surface type: Hard resin flooring





At Jotun, we do more than just sell you a superior product. Every Jotafloor solution is backed by our highly skilled technical support team that's with you in every step of the way.

Our technical support is what makes Jotun a trusted expert, so you can have confidence taking on any project, no matter the size, scale or scope.

Contact your local representative so we can tailor a solution that's right for you.

Jotun.com

