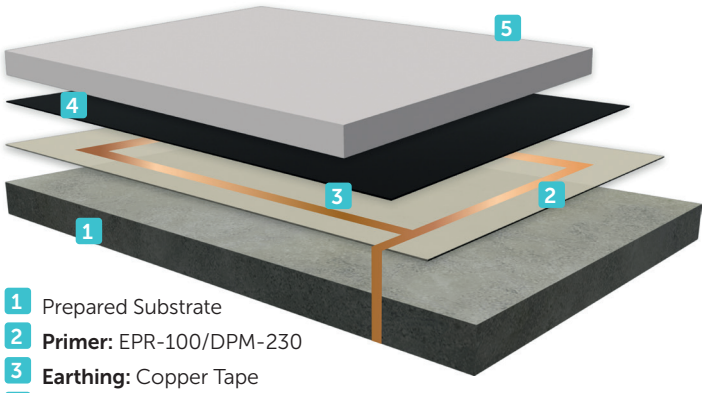
JOFAFLOW **ESD INDUSTRIAL** 3MM

SYSTEM **GUIDE**



A seamless antistatic epoxy resin flooring system designed to control electrostatic discharge (ESD) in industrial environments. Installed at approximately 3 mm thickness, it provides a smooth, gloss finish with excellent mechanical strength, durability and good chemical resistance for concrete and other suitable substrates.



1. Prepared Substrate
2. **Primer:** EPR-100/DPM-230
3. **Earthing:** Copper Tape
4. **ESD Primer:** WB-120 ESD
5. **Base Coat:** EPSL-3000 ESD

Benefits

Electrostatic dissipative
Controls static build up by safely dissipating electrostatic charges in accordance with EN 61340-5-1.

Smooth finish
Provides a level and uniform surface with improved appearance.

Seamless
Provides a smooth, joint free finish that enhances appearance.

Chemical resistance
Withstands a range of chemicals including oils, fuels and cleaning agents.

Easy to clean
Provides a surface that supports regular cleaning.

Low maintenance
Easy to maintain with reduced upkeep requirements.

Durable
Provides reliable long term performance.

Hard wearing
Maintains surface integrity and appearance under medium to heavy traffic conditions..

Application Sectors

- **Electronics manufacturing**
- **Electrical component assembly**
- **Pharmaceutical production**
- **Laboratories and clean rooms**
- **Data centres and server rooms**
- **Healthcare facilities**
- **Precision engineering**
- **Automotive assembly**
- **Packaging and assembly areas**
- **Control rooms and testing facilities**

SYSTEM PERFORMANCE

Thickness	2.5–3 mm
Electrical Resistance EN 61340-5-1	$5 \times 10^4 - 1 \times 10^9\ \Omega$
Body Voltage Generation EN 61340-4-5	< 100 V
Compressive Strength EN 13892-2	>50 N/mm²
Bond Strength EN 13892-8	≥ 2.5 MPa
Flexural Strength EN 13892-2	≥ 10 N/mm²
Impact Resistance EN ISO 6272	≥ 5 Nm
Abrasion Resistance EN 13892-4	AR0.5
Slip Resistance EN 13036-4	Typical results with 4-S rubber slider, Dry >40 PTV
Temperature Resistance	Up to 60°C
***Fire Classification EN 13501-1**	B_{fl}-s1
FeRFA Class	Type 5

*Reaction to fire: The B_{fl}-s1 classification is valid only when the primer is applied at 0.3 kg/m².
**Slip resistance may vary due to installation methods, early use, maintenance practices, long-term wear, or the presence of wet or dry contaminants. Textured flooring systems are recommended where higher slip resistance is required in such conditions. For further information, please contact our Technical Advisory team.

SYSTEM OVERVIEW

	Product	Coverage (Theoretical) kg/m²
Primer	EPR-100/DPM-230	0.25-0.3kg/m²
Earthing	Copper Tape	Conductive copper tape 10-12mm
ESD Primer	WB-120 ESD	0.12-0.15kg/m²
Base Coat	EPSL-3000 ESD	3.5 kg/m²

Coverage rates may vary with surface profile and temperature.

CURING SCHEDULE

	15°C	20°C
Light Traffic & Footfall	20 hrs	16 hrs
Full Traffic	60 hrs	48 hrs
Full Chemical Cure	7 Days	7 Days

The above values, based on laboratory tests and our practical experience with this product, represent typical properties measured under standard laboratory conditions of 20 °C and 50 % relative humidity.

Standard Colours

Light Grey | Mid Grey | Dark Grey

Colours may differ from the examples shown. For a full colour chart and samples, contact JofaResins.

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Preparation & Application

Jofa flooring systems are designed for installation onto structurally sound concrete substrates with a minimum compressive strength of 25 N/mm^2. Any cracks, voids, or pitted areas in the substrate should be repaired prior to installation using Jofa Epoxy Crack Filler to ensure a smooth and stable base.

Moisture levels within the substrate must be assessed before application. The substrate must be free from rising damp or groundwater pressure. Where a damp proof membrane is required, Jofa DPM-230 epoxy primer can be applied as an effective moisture barrier beneath the Jofa flooring system.

All surfaces must be clean, dry, and free from dust, grease, laitance, or other contaminants. Mechanical surface preparation by shot blasting or diamond grinding is required to achieve an open, textured profile suitable for optimum adhesion.

During installation, the substrate temperature must be at least 3°C above the dew point, with relative humidity (RH) below 75%. The recommended temperature range for application is between 15°C and 25°C to ensure optimal curing and performance of the system.

Health & Safety

Before installing this system ensure that the material safety data sheets have been received, read and followed.

Environmental Performance

This Jofa Flooring system is evaluated as non-hazardous to health and the environment. The durability and seamless finish of this long-term system minimises the need for repairs.



Maintenance & Cleaning

Regular cleaning using industry standard chemicals and techniques is essential. Consult your cleaning and equipment supplier for information.

Warranty

Products are guaranteed against defective materials and manufacture and are sold subject to our standard terms and conditions of sale, copies of which can be obtained upon request.

For further details **www.jofaresins.com**

Get in touch now to discuss your resin flooring project. www.jofaresins.com

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