

# PEACOFLOOR®

## Peacofloor 163AS Epoxy Dissipative Coating

### Product Description:

Peacofloor 163AS is a high solid two component epoxy dissipative coating, that incorporates a conductive agent which has permanent chemical affinity to the coating.

Peacofloor 163AS is specifically designed for all areas requiring a static disseminating and permanent conductive flooring that prevents electrical shocks.

### Characteristic:

- Seamless, watertight, glossy and dust proof surface
- Completely sanitary; will not support bacteria and fungi growth or absorb.
- Easy and fast to apply
- Good chemical and abrasion resistance
- High impact and wear resistance
- Meets international standard requirements, resistance from

### Application:

- Electronic devices facilities and factories.
- Dust proof requirement on wall and floor which is static electrically sensitive.

### System Recommendation:

Coverage:

Primer Peacofloor 370 0.15kg/m<sup>2</sup>  
Topcoat Peacofloor 136AS 0.5-0.75kg/m<sup>2</sup>

### Product Information:

Solid Content	98+2%
VOC	<100g/litre
Colour	Refer to Peacock colour card
Appearance	gloss
Tools	roller, nail shoes
Mixing	not higher than 500 rpm electric mixer
Thinner	not applicable
Pot Life	30 mins @25 °C
Curing Time at 25°C	18 hours walking 30 hours light traffic 7 days full cured
Packing	Part A 20kg/drum Part B 5kg/drum
Storage	The product shall be stored in cold, good ventilation and keep away from heat and direct sunlight. All material shall be stored in unopened can.
Shelf Life	One year in unopened can

### System Thickness: (0.5-1mm)

- For too low film thickness, the final appearance will be influenced.
- No influence on thickness exceed the recommended range.

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### Application Conditions:

- Application Temperature 10°C-35 °C
- Substrate Temperature 10 °C
- Substrate Temperature 3 °C above dew point
- Application Humidity higher than 75%

### Substrate Conditions:

- The substrate should be leveled by 2 meter long ruler with less than 3mm deviation.
- The substrate should be free of oil, dust and other contaminants. The substrate should be cleaned before application of coating.

### Application Procedure:

- Apply Peacofloor 370 primer on prepared substrate before application of Peacofloor 163AS .
- Connect the surface to true earth ground after the primer is cured.
- Stir Part A for 3 minutes before mixing.
- Mix Part A & B by electric mixer and apply the mixed material as soon as possible.
- Apply the mixed material evenly on the substrate with roller.
- Two application may be necessary to achieve the desire thickness.

### Physical Properties:

	Standard	Result
Anti-Abrasion	ASTM D968-93	11
Impact Resistance	BS EN 3900:E3:1973	No crack
Adhesion	BS En24624	4.5MPa
Compressive Strength	BS 6319	69N/mm <sup>2</sup>
Tensile Strength	HKHA/MTS	20.5N/mm <sup>2</sup>
Bychholz Hardness	BS EN ISO 2815	100

### Chemical Properties:

Good acid and alkaline resistance. Good resistance to some solvents. For detail chemical properties, please refer to Peacofloor 163AS resistance list.