

# PEACOFLOOR®

## Peacofloor 389 Abrasion Resistance Epoxy Coating

### Product Description:

Peacofloor 389 is two components solvent free, high build, amine adduct cured epoxy coating.

### Characteristic:

- The material is designed for fast drying and hardening work.
- It obtains high gloss retention and good abrasion resistance in low film thickness.
- The cured film has good adhesion on the substrate and excellent cleaning

### Application:

- General protection on concrete surface.
- To preserve the concrete from erosion.
- Use in car park, warehouse and exhibition centre. Economical and durable floor coating system.

### System Recommendation:

#### Coverage:

Primer	Peacofloor 370	0.15kg/m <sup>2</sup>
Topcoat	Peacofloor 389	0.5-0.75kg/m <sup>2</sup>

### Product Information:

Solid Content	95+2%
VOC	<150g/litre
Colour	Refer to Peacock colour card
Appearance	gloss
Tools	middle long hair roller
Mixing	not higher than 500 rpm electric mixer
Thinner	066
Pot Life	30 mins @25 °C
Curing Time at 25°C	12 hours walking 24 hours light traffic 7 days full cured
Packing	Part A 25kg/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: (0.3-0.5mm)

- 75-100µm for each application.
- Hiding power will be affect by low film thickness.
- Multiple applications is recommended for high film thickness.

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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.

### Application Procedure:

- Apply Peacofloor 370 primer on prepared substrate before application of Peacofloor 389 .
- 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.

### Physical Properties:

	Standard	Result
Anti-Abrasion	ASTM D968-93	0.006g
Impact Resistance	BS EN 3900:E3:1973	No crack
Adhesion	BS En24624	5.0MPa
Compressive Strength	BS 6319	66N/mm <sup>2</sup>
Water Penetrating	DIN	<1mm
Tensile Strength	HKHA/MTS	21N/mm <sup>2</sup>
Pencil Hardness	HG/T2004-1001	2H

### Chemical Properties:

Good acid and alkaline resistance. Good resistance to some solvents. For detail chemical properties, please refer to Peacofloor 389 resistance list.