

# PEACOFLOOR®

Peacofloor 270 solvent free coal tar epoxy coating

## Product Description:

Peacofloor 270 is two components solvent free coal tar epoxy coating.

## Characteristic:

- Solvent free and low odour
- Extremely low VOC to satisfy environmental requirement.
- No primer required
- excellent adhesion to concrete, asphalt and steel substrate
- Anti-slip and hard wearing

## Application:

- Texture finish to meet anti-skip safety requirement.
- Wearing coat on multi-storey car parks
- Safety flooring system
- Ramp Application

## System Recommendation:

Coverage:

Finish layer Peacofloor 270 2-4.5kg/m<sup>2</sup>

## Product Information:

Solid Content	100%
Colour	Dark Brown
Appearance	Matt
Tools	notched squeeze
Mixing	not higher than 500 rpm electric mixer
Thinner	066
Pot Life	40 mins @25°C
Curing Time at 25°C	4 hours walking 12 hours light traffic 16 hours 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: (3-6mm)

- High film thickness system use as boardcast system

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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 shot blasted to provide a profile of about 0.5-1mm.
- The substrate should be free of oil, dust and other contaminants. The substrate should be cleaned before application of coating.

## Application Procedure:

- 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 notched trowel to a thickness of 1.50 to 3.00mm..
- Boardcast the calcined bauxite on the wet Peacofloor 270 at a rate of 10 to 14kg/m<sup>2</sup>.
- The bauxite should be applied to excess and the surplus recovered by sweeping once the resin has cured.

## Physical Properties:

	Standard	Result
Anti-Abrasion	HG/T2004-1001	0.006G
Impact Resistance	GB/T2571-1995	15KJ/m <sup>2</sup>
Adhesion	BS En24624	3.0MPa
Compressive Strength	BS 6319	50N/mm <sup>2</sup>
Tensile Strength	HKHA/MTS	20N/mm <sup>2</sup>

## Chemical Properties:

Good acid and alkaline resistance. Good resistance to some solvents. For detail chemical properties, please refer to Peacofloor 270 resistance list.

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