

PEACOFLOOR®

Peacofloor 250 High Performance Epoxy Boardcast Coating

Product Description:

Peacofloor 250 is two components solvent free, high build, amine adduct cured epoxy coating.

Characteristic:

- Extremely low VOC to satisfy environmental requirement.
- Excellent colour and gloss stability, anti-scratch and erosion properties, and hardness.
- Good leveling and working properties.
- Fast curing and hardening features to ensure high efficiency work.

Application:

- Texture finish to meet anti-skip safety requirement.
- Carpark and wet area. Suitable for Emergency Vehicle Access (EVA).
- Lubricant oil and alkaline cleanser resistance.
- Dust free and easy cleaning surface

System Recommendation:

Coverage:

Primer	Peacofloor 370	0.15kg/m ²
Leveling	Peacofloor 370	0.15kg/m ²
Boardcast	Peacofloor 250	0.3-0.7kg/m ²
Finish layer	Peacofloor 250	0.2-0.5kg/m ²

Product Information:

Solid Content	98+2%
Colour	Refer to Peacock colour card
Appearance	Gloss
Tools	notched squeegee, notched Trowel
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: (1-2mm)

- 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 370P penetrating primer on prepared substrate before application
- 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 special designed tool.
- Boardcast the (F63) silicate sand on the wet Peacofloor 250 at a rate of 2.5kg/m².
- Apply seal coat of Peacofloor 250 or other specified on the cured boardcast layer.

Physical Properties:

	Standard	Result
Anti-Abrasion	HG/T2004-1001	0.006G
Impact Resistance	GB/T2571-1995	12KJ/m ²
Adhesion	BS En24624	4.0MPa
Compressive Strength	BS 6319	55N/mm ²
Tensile Strength	HKHA/MTS	21N/mm ²
Pencil Hardness	HG/T2004-1001	1H

Chemical Properties:

Good acid and alkaline resistance. Good resistance to some solvents. For detail chemical properties, please refer to Pecofloor 250 resistance list.

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