

PEACOFLOOR®

Peacofloor 210 Epoxy Self-Leveling Flooring System

Product Description:

Peacofloor 210 is two components solvent free, high build, self leveling amine adduct cured epoxy coating to produce a smooth surface, seamless and easy cleaning surface.

Characteristic:

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

Application:

- High cleaning requirement in GMP medicine workshop.
- Dry area in food process workshop.
- Dust proof requirement in workshops for electronic, car manufacturing and printing industry.
- Requirement good leveling, semi-gloss and decorative finish.

System Recommendation:

Coverage:

Primer	cobest 110	0.35kg/m ²
leveling layer	cobest 370	0.15kg/m ²
Topcoat	cobest 210	1.2-3.8kg/m ²

Product Information:

Solid Content	98+2%
Colour	Refer to Peacock colour card
Appearance	gloss
Tools	notched squeegee, notched Trowel , Spike 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: (1-4mm)

- 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 210.
- 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.
- Release the bubbles and level the surface with spike roller. All workers should wear nail shoes.

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	Bs6319	69N/mm ²
Tensile Strength	HKHA/MTS	20.5N/mm ²
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 210 resistance list.