

PEACOFLOOR®

Peacofloor 180W Polyurethane Coating

Product Description:

Peacofloor 180W is two components water borne polyurethane sealer.

Characteristic:

- VOC free
- Fast curing and hardening features to ensure high efficiency work.
- Cures at room temperature to provide a hard yet flexible film with outstanding resistance to weathering, abrasion and yellowing.
- Used as a decorative and protective coating for surfaces exposed to weather and corrosive environments.

Application:

- Works as finish coat on cobest epoxy floor system to provide better UV resistant, colour retention and physical properties.
- As finish coat on boardcast system
- Dust free and easy cleaning surface
- Re-finish of existing cobest floor system

System Recommendation:

Coverage:

Cobest Floor System

Finish layer Peacofloor 180W 0.1kg/m²

Product Information:

Solid Content	45+2%
Colour	Clear
Appearance	semi-gloss/matt
Tools	brush & roller and spray,
Mixing	not higher than 500 rpm electric mixer
Thinner	water
Pot Life	4 hours @25°C
Curing Time at 25°C	18 hours walking 30 hours light traffic 7 days full cured
Packing	Part A 16kg/drum Part B 4kg/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: (30-50µm)

- Wet film thickness cannot be exceed 150µm in single application, solvent trapped, bubbling and weak coating

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CSC 中信化工

www.cschk.com
Tel : (852) 2959 3998
Fax: (852) 3521 0438
Email: cschk@cschk.com

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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 180W on top of new or existing Peacofloor coating system .
- 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 Bursh & roller or spray..
- Second coat of Peacofloor 180W shall be applied 4 hours after the first coat.

Physical Properties:

	Standard	Result
Anti-Abrasion	ASTM D4060	50mg/cyc.
Impact Resistance	ASTM D3029	2J
Adhesion	ASTM D4541	650 psi
Pencil Hardness		2H

Chemical Properties:

Good acid and alkaline resistance. Good resistance to some solvents. For detail chemical properties, please refer to Peacofloor 180W resistance list.

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