

PEACOFLOOR®

Peacofloor 610 Water Based Epoxy Coating

Product Description:

Peacofloor 610 is two components water based epoxy primer/sealer to penetrate and seal porous substrates.

Characteristic:

- Solvent free and odourless
- Extremely low VOC to satisfy environmental requirement. (<150g/litre)
- Penetrates deeply to eliminate concrete dusting, providing for easy cleanup and minimum maintenance.
- Non moisture sensitive, can apply on damp surface.
- Fast curing and hardening features to ensure high efficiency work.
- Non-yellowing properties.

Application:

- Used as sealer for interior concrete wall and floor to provide dustproofing and enhanced cleanability characteristics.
- Used in carpark, pavement and bicycle lane with excellent slip resistance (R10-13) and tire mark resistance.
- Lubricant oil and alkaline cleanser resistance.
- Used as primer on chalky concrete or masonry surface to enhance adhesion prior to topcoat

System Recommendation:

Coverage:

| | | |
|----------------------|----------------|--------------------------|
| 1 st coat | Peacofloor 610 | 0.35kg/m ² |
| 2 nd coat | Peacofloor 610 | 0.2-0.5kg/m ² |

Product Information:

| | |
|---------------------|--|
| Solid Content | 55±2% |
| Colour | Whitish |
| Appearance | Gloss |
| Tools | brush and roller, spray |
| Mixing | not higher than 500 rpm electric mixer |
| Thinner | water |
| Pot Life | 60 mins @25°C |
| Curing Time at 25°C | 24 hours walking 30 hours light traffic 7 days full cured |
| Packing | Part A 11kg/drum Part B 1kg/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: (0.1-0.2mm)

- System thickness when used as sealer coat on concrete or other cementitious substrate
- No recommended thickness when used as primer

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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:

- Slightly damp surface will not affect the performance of cobest 610, provided there is no standing water or frost.
- The substrate should be free of oil, dust and other contaminants. The substrate should be cleaned before application of coating.
- For spalled concrete, the substrate should be repaired by patching compound or cobest 370 mortar before application of cobest 610.

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 brush, roller or spray.
- One coat is usually sufficient for sealing substrates when Peacofloor 610 used as a primer.
- When used as sealer/finish, two coats are required to achieve a uniform sheen.

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 | 57N/mm ² |
| Tensile Strength | HKHA/MTS | 19N/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 Peacofloor 610 resistance list.

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