

PEACOFLOOR®

Peacofloor 620 Water Based Coloured Epoxy Coating

Product Description:

Peacofloor 620 is two components water based epoxy coloured sealer for light to heavy loads.

Characteristic:

- Solvent free and odourless
- Extremely low VOC to satisfy environmental requirement. (<100g/litre)
- Excellent adhesion to concrete substrate and existing old epoxy coating.
- Non moisture sensitive, can apply on damp surface. Excellent water vapour transmission.
- Fast curing and hardening features to ensure high efficiency work.
- Non-yellowing properties for exterior application.

Application:

- Used as self-smoothing coloured sealer for interior/exterior concrete floors to provide dustproofing and enhanced cleanability characteristics.
- Used in carpark, pavement and bicycle lane with excellent slip resistance (R10-13) and tire mark resistance.
- Used as road marking paint on Epoxy/Polyurethane Carprak System.

System Recommendation:

Coverage:

1 st coat	Peacofloor 610	0.35kg/m ²
2 nd coat	Peacofloor 620	0.2-0.5kg/m ²

Product Information:

Solid Content	69+2%
Colour	Whitish, coloured Refer to cobest colour card
Appearance	Semi-Gloss
Tools	brush and roller, spray
Mixing	not higher than 500 rpm electric mixer
Thinner	water
Pot Life	30 mins @25°C
Curing Time at 25°C	8 hours walking 24 hours light traffic 7 days full cured
Packing	Part A 19kg/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: (0.1-0.2mm)

- System thickness when used as sealer coat on concrete or other cementinous 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 Peacofloor 620, 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 Peacofloor 370 mortar before application of Peacofloor 620.

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 620 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
Water Vapour Transmission	ASTM E96-95	1.44x10 ⁻⁷ perm.cm

Chemical Properties:

Good acid and alkaline resistance. Good resistance to some solvents. For detail chemical properties, please refer to Peacofloor 620 resistance list.