

PEACOFLOOR®

Peacofloor 380 Color Aggregate Epoxy Resin

Product Description:

Peacofloor 380 is two components solvent free, highly transparent amine adduct cured epoxy coating.

Characteristic:

- With the use of modified curing agent, the transparent coating has excellent durability.
- High cross linked resin ensure good adhesion to the substrate and intercoat.
- Low viscosity and excellent workability.
- Good abrasion resistance when used as finish coat.
- Slip resistance - PTV 25-35

Application:

- Excellent weathering properties, suitable for colour aggregate application
- Yellowing under UV exposure, internal use is recommended.
- Used as penetrating sealer on concrete substrate or finish coat for better erosion system.

System Recommendation:

Coverage:

Peacodeck 62 system

Primer	Peacofloor 370	0.15kg/m ²
Mortar layer	Peacofloor 380	0.8-1.2kg/m ²
	Peacofloor CQ	6kg/m ²
Leveling	Peacofloor 380	0.4kg/m ²
Finish Coat	Peacofloor 190T	0.1kg/m ²

Product Information:

Solid Content	98+2%
Colour	Colourless Transparent
Appearance	Gloss as finish Semi-gloss as mortar
Tools	Screed Box and Electric Trowel Machine
Mixing	Screed Mixer
Thinner	066
Pot Life	50 mins @25 °C
Overcoating	8 hours @30°C 12 hours @25°C 24 hours @15°C
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: (3-5mm)

- 3-5mm for colour aggregate mortar application.
- 0.2-0.5mm for finish coating.
At low film thickness on colour aggregate mortar application, impact resistance will be weakened.

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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:

- Shot blast to prepare the substrate to ensure good adhesion.
- The substrate should be free of oil, dust and other contaminants. The substrate should be cleaned before application of coating .

Application Procedure:

Mortar Application

- Apply Peacofloor 370 primer on prepared substrate before application of Peacofloor 380
- Peacofloor 380 should be mixed by electric mixer. Mix Peacofloor 380 resin and Peacofloor CQ and lay by screen box to defined thickness.
- Level and pack the laid screed by electric trowel machine.
- For wall edges and angles, the screed should be fixed by hand tool.
- For boardcast system, please consult cobest technical team.

Physical Properties:

	Standard	Result
Anti-Abrasion	HG/T2004-1001	0.006g
Impact Resistance	GB/T2571-1995	20kj/m ²
Adhesion	BS En24624	4.5MPa
Compressive Strength	BS6319	55N/mm ²
Tensile Strength	HKHA/MTS	21N/mm ²
Pencil Hardness	HG/T2004-1001	B
Pendulum CoF test Slip resistance value	BS7976	25-35

Chemical Properties:

Good acid and alkaline resistance. Good resistance to some solvents. For detail chemical properties, please refer to Peacofloor 380 resistance list.

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