

PEACOFLOOR®

Peacofloor 9002 Epoxy Cementinous Damp Proof Topping

Product Description:

Peacofloor 9002 is a water based epoxy polyester modified material, combined with special powder to form a stable water buffering and proofing material.

Peacofloor 9002 system can be used as stand alone floor finish as well as overcoated with polyurethane and epoxy.

Characteristic:

The material is specially designed for application on damp and high water pressure substrate. It can be also applied directly on damp and wet substrate with excellent adhesion.

Crack resistance due to high elasticity modulus

Application:

Use as moisture barrier on high water pressure substrate and overcoat with impermeable floor system.

Can be applied on green concrete substrate (before full cured in 28 days) on time limited project.

Can be used as leveling layer.

Can be used as finish without overcoating.

System Recommendation:

Coverage:

Primer

Peacofloor 9001(A+B) 0.20 kg/m²

Motar

Peacofloor 9002(A+B) 0.95-1.3 kg/m²

Peacofloor 9002(C) 3.8-5.2 kg/m²

Sealer

Peacofloor 370-option 0.15 kg/m²

Product Information:

Solid Content	65%
Colour	Grey or concrete color
Thinner	Water
Tools	notched squeegee, notched Trowel, Spike roller, nail shoes
Mixing	A+B : 500 rpm electric mixer A+B+C :cement mixer
Pot Life	24 hour @25°C A+B 30 mins @25°C A+B+C

Recoat time 3 days @25°C

Remark: Recoating time is strongly depend on the application humidity, The surface moisture should be less than 4% before recoating. No recoating should be done within 24 hours.

Packing	Part A	5kg/15kg/drum
	Part B	1kg/10kg/drum
	Part C	14kg/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
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System Thickness: (2-3mm)

- For thickness below 2mm, the layer may no enough to contain all moisture and lead to water penetration and coating failure.
- For thickness higher than 3mm, the layer may crack. If higher thickness is necessary, other type of Part C may be used.

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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 original concrete surface. Any kind of coating, water proof membrane and moisture barrier should be removed before application.
- The substrate should be free of oil, dust and other contaminants. The substrate should be cleaned before application of coating.

Application Procedure:

- After surface preparation, Peacofloor 9001(A+B) primer should be applied.
- Peacofloor 9001 (A+B) primer shall be mixed properly and applied on the substrate by roller.
- Peacofloor 9002 A+B+C mixture shall be mixed properly and applied as soon as possible.
- The mixed material should be evenly applied on the substrate by notched trowel and squeegee.
- Release the air bubble by spike roller.

Physical Properties:

	Standard	Result
Anti-Abrasion	HG/T2004-1001	0.001g
Impact Resistance	GB/T2571-1995	15KJ/M ²
Adhesion	BS En24624	5MPa
Compressive Strength	BS6319	80N/mm ²
Pencil Hardness	HG/T2004-1001	2H

Chemical Properties:

Good acid and alkaline resistance. Good resistance to some solvents. For detail chemical properties, please refer to Peacofloor 9002 resistance list.

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