

The Advanced Material

The Significant Differences...

PRODUCT DATA SHEET

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SURECEM 1009 WP

CEMENTITIOUS WATERPROOFING SLURRY

DESCRIPTION

SURECEM 1009 WP is a polymer modified cementitious waterproofing coating. It is used to coat concrete and mortar surfaces against water seepage. It is a mixture of Portland cement, quartz powder, polymer latex and other chemical constituents to provide excellent water tightness, excellent adhesion and outstanding flexibility.

RECOMMENDED USES

SURECEM 1009 WP is suitable for:

- Protection of RC structures against deterioration caused by carbon dioxide and chloride
- Interior waterproofing and damp-proofing on concrete slabs, rendering or brickwork
- Waterproofing coating for bathroom, balcony, kitchen and other wet areas
- Sealing hairline cracks in concrete structures

ADVANTAGES

- Easy to apply.
- Inexpensive waterproofing system.
- Good adhesion to sound substrates
- Excellent flexibility
- Increase resistance against water, salt and other harmful substances.
- Effective on moist surfaces.
- Effective for sealing cracks.
- Non-flammable and non-corrosive.
- Stable against prolonged contact with standing water.
- Effective for sealing hairline cracks.

PHYSICAL DATA

Colour	: Grey.
Density	: Approximately 2.0 kg/litre.
No of Components	: Two
Mixing Ratio	: Part A to Part B, 1 to 4 parts by weight
Consumption rate	: 2.0 kg/m ²
No of Coats	: Two coats
Pot Life	: 30 minutes
Packing size	: Part A (liquid) – 5 kg Part B (powder) – 20 kg

APPLICATION INSTRUCTIONS

Surface Preparation: The substrate must be sound, clean and free from oil, grease, laitance, dust or other surface contaminants. Chip, sand or abrasive blast or high pressure water jetting to remove all contaminants, dirt, dust, old paint, oil grease or other surface contaminants. If the substrate has been previously painted, all the old paint must be removed completely.

Pre-wetting : The substrate must be completely dampened before the application of waterproofing materials. This will eliminate flash-setting of the applied coating.

Mixing : Pour the liquid component into a container of at least 25 litre volume. Mix by hand or using power stirrer. To achieve good and homogeneous mixture, power stirrer is preferred.

Application : **SURECEM 1009 WP** can be applied by spray, brush or broom. For the first coat, brush the materials into the surface, filling all pores and voids. Finish with light horizontal strokes. Applied materials shall be allowed to cure for at least 24 hours or overnight before applying the second coat. The second shall be applied at right angle direction to the first coat.