

WATERPROOFING & THERMAL INSULATION

Cementitious Materials

Polymer-modified cementitious coatings that penetrate and bond crystallographically with concrete pores to create an integral waterproof barrier. The engineering standard for drinking-water cisterns, bathrooms, and wet areas due to potable-water safety and total substrate compatibility.

APPLICATION PROCESS

- 1 Substrate scarification, opening of concrete pores, and removal of honeycombing and laitance
- 2 Patching honeycombing and structural voids with high-strength non-shrink hydraulic mortar
- 3 Pre-wetting substrate and applying the first coat via brush or mechanical spray
- 4 Cross-directional perpendicular second coat after initial set to ensure pinhole-free coverage
- 5 Water curing cycle and watertightness hydrostatic verification prior to tiling or finish

BENEFITS

- Potable-water safe and non-toxic
- Direct monolithic bonding without primer delamination
- Withstands positive and negative hydrostatic pressure

APPLICATIONS

- Potable concrete water reservoirs
- Bathrooms, kitchens, and wet utility rooms
- Planter boxes and concrete pools
- Elevator pits and moisture-exposed slabs

SUITED TO PROJECT TYPES

- Residential developments
- Commercial, hospitality & offices
- Industrial & logistics

The next step for your project

Request a quote	www.alzamil.com › Contact › Request a quote
Speak to an engineer	www.alzamil.com › Consultation › Request a consultation
Unified number	920009879
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