

WATERPROOFING & THERMAL INSULATION

Polyurea

Advanced elastomeric coating technology applied via heated high-pressure plural-component spray rigs, curing in seconds into a seamless 100% monolithic liner. Engineered for exceptional mechanical tear strength, chemical resistance, and heavy vehicular traffic tolerance.

APPLICATION PROCESS

- 1 Mechanical grinding or grit blasting to achieve specified concrete surface profile (CSP)
- 2 Application of high-performance epoxy moisture-barrier primer
- 3 Hot spray application of 100% pure polyurea using plural-component proportioner units
- 4 Real-time ultrasonic dry-film thickness (DFT) verification across surface
- 5 Rapid commissioning and return-to-service within hours of application

BENEFITS

- Ultra-fast cure (5–10 seconds) minimizing facility downtime
- Seamless elastomeric membrane with >300% elongation
- Superior chemical, abrasion, and tear resistance

APPLICATIONS

- Industrial process tanks and containment areas
- Vehicular parking decks and heavy loading bays
- Bridges, marine assets, and infrastructure works
- Artificial lagoons and chemical secondary containment

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
Email	info@zamilco.com

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