

ARDEX ARDICOAT™ PLUS

Two-Component Cement-based Acrylic Waterproofing Compound

Liquid acrylic emulsion and cement powder that produce an easy-to-apply fiber-reinforced waterproof coating for all types of concrete and masonry.

Install over: Foundations, block wall, balconies, parapet wall, planter boxes, non-potable water tanks and fountains.

Key Features

- Highly flexible to bridge hairline cracks
- Breathable membrane
- Horizontal or vertical surfaces
- Above, on and below grade
- Interior and exterior

Installation

- **Packaging:**
 - **Part A:** 2.3 gallon (8.9 L) liquid
 - **Part B:** 25 lbs. (11.3 kg) powder
- **Coverage:** 88 to 100 ft² at 1/16" (8.2 to 9.3 m² at 1.5 mm)
- **Pot Life:** 30 to 90 minutes
- **Walkable:** 24 hours
- **Seal:** 24 hours
- **Trowel or spray**



Performance

- **ASTM D4541 Adhesion to Concrete (psi):** 7 days 150; 28 days 177
- **ASTM D 412 Tensile Strength (psi):** w/o mesh 0.470; w/mesh 3800
- **ASTM D 412 Elongation at Break (%):** w/o mesh 11; w/mesh 9
- **ASTM D522 Flexibility Mandrel Bend:** 28 days passes 1/8" at 77°F
- **ASTM D4060 Taber CS-10 Wheel Abrasion Resistance (grams of weight loss):**
 - 3000 cycles 0.20
 - 6000 cycles 0.34
- **ASTM D570 Water Absorption (%):** 24 hours immersion 4.5
- **Waterproofing (hydrostatic pressure in psi):** 101.5
- **ASTM E 96 (wet cup method) Water Vapor Permeability:** 3.9 (perms)
- **Chloride Ion Penetration (% Reduction) Modified NCHRP:** 89.9
- **ASTM C1202 Permeability (Coulombs) Rapid Chloride:** 550 (very low)
- **VOC:** 100 g/L, SCAQMD 1113

ARDEX ARDICOAT™ MESH

Woven Glass Fiber Mesh

Woven glass fiber mesh increases the tensile strength of ARDEX ARDICOAT PLUS to minimize telegraphing of dormant cracks and reinforce transitions.

Available in 150' x 36" rolls (45.72 m x 0.91 m).



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