

Adurel Roofing Specification

Elastomeric Wall Waterproofing

Use on Masonry, Brick, Stucco, and Wood

Section 0700

Part 1 – General**1.01 Section Includes**

- A. Materials and installation exterior waterproofing.

1.02 Related Sections

- A. Section 0700: Waterproofing

1.03 Performance Requirements

Component Performance – Acrylic Elastomeric at 20 mils

Test	Criteria	Results
Tensile Strength	D-2370	234 psi
Elongation	D-2370	260%
Permeability	D-471	2.96 perms
Durameter Hardness	D-2240	55 Shore A
Solids Content by Volume	D-2697	53.6%

1.04 Submittals

- A. Manufacturer's specifications, details, installation instructions and product data
- B. Applicator's certification
- C. Samples for approvals directed by architect or owner
- D. Manufacturer's standard warranty
- E. Contractors list of at least 3 references
- F. Project details (when required)

1.05 Quality Assurance

- A. Manufacturer requirements
 - 1. System references at least 10 years old
- B. Contractor requirements
 - 1. Roofing or waterproofing contractor for a minimum of 3 years
 - 2. Employ experienced professionals capable of installing the system
 - 3. Provide proper equipment, manpower and supervision on the job site to install the system in accordance with Adurel published specifications
 - 4. Provide certificate of insurance

1.06 Delivery and Storage

- A. Deliver all Adurel materials in unopened original containers bearing the manufacturer's name and identification of product.

1.07 Project / Site Conditions

- A. Provide protection of surrounding areas from application of material.

1.08 Warranty

- A. Provide manufacturer's standard warranty.

Part 2 – Products**2.01 Manufacturers**

- A. Adurel International, Inc., 820 Water St., Racine WI 53403 800.860.5834 262.643.3446 Fax

2.02 Surface Preparation (Optional depending on substrate condition)

- A. Cleaner: CC400 cleaner for grease or heavy dirt

2.03 Waterproofing Sealer

- A. Adurel AC5000 – premium elastomeric

2.04 Application Tools and Equipment: Application tools shall be equal and adequate to the equipment outlined for the work and workmanship required herein.

Part 3 – Execution

3.01 Acceptable Installers

A. Pre-qualify under Quality Assurance requirements of the specification (section 1.07.B)

3.02 Examination

A. Inspect substrate for:

1. Structural cracks and deteriorated surfaces or joints.

3.03 Surface Preparation

A. Remove surface contaminants.

3.04 Installation

A. Install Adurel waterproofing sealer per published instructions (see addendum).

Addendum: Specification WS707

Instructions for installation of waterproofing sealer

A. Cleaning

1. Concrete surfaces must be dry, sound, fully cured and free of efflorescence or any contaminants that may interfere with adhesion. Use 5% muriatic solution for efflorescence. If there are algae growing on the surface, the cleaning must include bleach in the washing of the substrate.

B. Preparation

1. Remove all loose paint and feather smooth.
2. Remove any efflorescence with 5% muriatic solution.
3. Repair any masonry cracks with mortar or Adurel MS2000 SEBS mastic.
4. Prime any tannic acid wood stains with alkyd primer.

C. Application of Finish Coats

1. Spray and back-roll or just roll on 2 separate coats of AC5000 @ the spread rate below. Make sure to keep a wet edge to avoid sand-blown or rip texturizing.

Surface	Coverage
Exterior Brick	2 –2.5 gal. / sq.
Concrete	2 gal. / sq.
Rough Surface	2.5-3 gal. / sq.
Stucco	2-3.5 gal. / sq.
Wood siding	1-1.5 gal. / sq.
Rough Wood	1.25-1.75 gal. / sq.