

Adurel Roofing Specification

Clear RTV Waterproofing Sealer

Use on Masonry, Pavers, Shakes, Decking

Section 0700

Part 1 – General**1.01 Section Includes**

- A. Materials and installation for waterproofing system.

1.02 Performance Requirements

Component Performance – Waterproofing Sealer

Test	Criteria	Results
Permeability	D-398	7.02 perms at 20 mils
Durameter Hardness	D-2240	35 Shore A
Solids Content by Weight	D-1353	HD 8% Reg 6%
Brittle Point	D-746	-98°F

1.03 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)

1.04 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

1.05 Delivery and Storage

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

1.06 Project / Site Conditions

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

1.07 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. RTV 80 – a roof-temperature vulcanized silicone sealer

2.04 Application Tools and Equipment

- A. Application tools shall be equal and adequate to the equipment outlined for the work and workmanship required herein.
- B. Equipment required for applying coating
 - 1. Low pressure pump under 50 psi

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 WS808

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. Repair any joints with mortar mix.

C. Application of Finish Coats

1. Vertical Applications
 - a. Apply RTV 80 or RTV 90 with a low-pressure sprayer from the top down.
 - b. Allow the material to run down the surface at least 4" to allow deep penetration.
 - c. Split face block should be pre-misted prior to the flood coat.
2. Horizontal Applications
 - a. Apply with brush, roller or spray to saturation.

Surface	Coverage
Exterior Brick	125–150 sq. ft. per gal.
Concrete	100–200 sq. ft. per gal.
Rough Surface	80–120 sq. ft. per gal.
Stucco	100–175 sq. ft. per gal.
Bridges, Decks, Etc.	100–150 sq. ft. per gal.
Rough Wood	100–150 sq. ft. per gal.
Smooth Wood	75–125 sq. ft. per gal.
Wood Shingles	75–125 sq. ft. per gal.