

**SECTION 07 14 16
FLUID APPLIED WATERPROOFING (WATER BASED)
SEALCOAT ELASTIC OVER WOOD SUBSTRATE**

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Fluid applied flexible acrylic waterproofing Coating over Wood Substrate.

1.2 RELATED SECTIONS

- A. Section 07 91 00 Joint Sealers
- B. Section 07 91 23 Backer Rods
- C. Section 07 91 26 Joint Fillers
- D. Section 07 25 00 Weather Barriers
- E. Section 07 27 00 Air Barriers
- F. Section 07 27 26 Fluid-Applid Membrane Air Barriers
- G. Section 07 42 13 Metal Wall Panels
- H. Section 07 42 23 Wood Wall Panels
- I. Section 07 44 00 Cementitious Panels

1.3 REFERENCES

- A. ASTM C297-94 Standard Test Method for Flat Wise Tensile Strength of Sandwich Constructions @ ASTM, 1995
- B. ASTM D2247-99 Standard Practice for Testing Water Resistance of Coatings in 100% Relative Humidity, @ ASTM, 2000
- C. AC24 Interim Criteria for Exterior Insulation and Finish System, @ ICC-ES, Inc, 2003
- D. AC209 Acceptance Criteria for Trowel, Spray or Rolled Applied Water Resistive Coatings Used As Weather Resistive Barriers Over Exterior Wall Coverings, @ ICC-ES, Inc, 2002
- E. ASTM E96 Water Vapor Transmission of Materials.

1.4 SUBMITTALS

- A. Show Drawings: Indicate special joint or termination conditions and conditions of interface with other materials.
- B. Product Data: Provide data for material description, physical properties, recommended storage conditions, shelf life, precautions, flexible flashings, joint cover sheet and joint and crack sealants with temperature range for application of waterproofing membrane.
- C. Manufacturer's Installation Instructions: Indicate special procedures and perimeter conditions requiring special attention.

1.5 QUALIFICATIONS

- A. Applicator: Company specializing in performing the work of this section certified by manufacturer.
- B. Manufacturer shall have been in business and shall have had experience in manufacturing these products for a minimum of 15 years.

1.6 REGULATORY REQUIREMENTS

- A. Products: V.O.C. Requirements shall be less than 90 grams/liter.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to site in manufacturer's unopened and undamaged containers bearing the following information:
 - 1. Name of manufacturer
 - 2. Name of contents and products code
 - 3. Net volume of contents
 - 4. Lot or batch number
 - 5. Storage temperature limits
 - 6. Shelf life expiration date

2.3 ACCESSORIES

- A. Surface Primer:
Sealoflex Sealobond Primer™ Acrylic Primer
- B. MetalPrimer:
Metal Etch Primer™ Corrosion Resistant Acrylic Primer for ferrous metal
- C. Patching Mortar:
Sealopatch™ Cementitious Patching Mortar (large imperfections)
- D. Patching Compound:
Buttergrade™ Static crack filer (small imperfections)

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify substrate surfaces are durable, free of frozen matter, dampness, loose particles, cracks, pits, projections, or foreign matter detrimental to adhesion or application of waterproofing system.
- B. Verify that substrate surfaces are smooth, and not detrimental to full contact bond of waterproofing materials.

3.2 PREPARATION

- A. Protect adjacent surfaces not designated to receive waterproofing.
- B. Clean and prepare surfaces to receive waterproofing by removing all loose and flaking particles, grease, dirt and laitance by pressure washing or other method approved by manufacturer.
- C. Do not apply waterproofing to surfaces unacceptable to manufacturer.

3.3 APPLICATION

- A. Apply accessory primer(s), based on Manufacturer's recommendations, to the corresponding substrate and allow to dry.
- B. Apply Patching Mortar to to all masonry surface imperfections (moderate to large) as necessary. Allow to dry.
- C. Apply Patching Compound to all surface imperfections (minor), joints and gaps as necessary. Allow to dry then sand smooth.
- D. Apply Joint Fabric symmetrically over all sheathing joints, changes in plane, changes in substrate, window and door rough openings and flashings, using Base and Saturation Coating at 60 sq. ft/gal.
- E. Apply a second coat of Patching Compound at fabric edges and if necessary to correct any remaining (minor) surface imperfections. Allow to dry then sand smooth.
- F. Apply two coats of Protective Coating to the entire surface at 120 sq.ft. per gallon per coat. Allow to dry between coats.

3.4 CLEANING

- A. Immediately clean adjacent surfaces not scheduled to receive waterproofing in accordance with manufacturer's instructions.

3.5 PROTECTION OF FINISHED WORK

- A. Protect finished waterproofing from weather until cured.

END OF SECTION