

January 1, 2025

## Certificate of Conformance

This is to certify that the material listed below conforms to the following specifications. The material meets or exceeds the listed requirements.

**Product:** ConBlock CDA Red - Liquid Amorphous Crystal Waterproofing Admixture

**Performance:** Testing of this product demonstrated improved performance when included in Portland Cement Concrete as compared to reference concrete when tested according to:

- a. ASTM C1567 - Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)
- b. ASTM C1585 - Measurement of Rate of Absorption of Water by Hydraulic Cement Concretes
- c. ASTM C1876 - Bulk Electrical Resistivity of Concrete
- d. BS EN 12390-8 - Depth of Penetration of Water Under Pressure
- e. CRD-C48 - Water Permeability of Concrete

**Specifications:** This product meets or exceeds the requirements of AASHTO M194 and ASTM C494, Type S (Specific Performance Admixtures) – see below. This product meets the requirements of NSF/ANSI/CAN Standard 61 (Drinking Water System Components).

### Physical Properties:

Time of Setting (Initial and Final):	1 hour earlier and 1.5 hours later than reference (max.)
Compressive Strength (ASTM C39):	90% of reference (min.)
Flexural Strength (ASTM C78):	90% of reference (min.)
Length Change (ASTM C157 modified):	135% of reference (max.)
Relative Durability Factor (ASTM C666):	80% of reference (min.)

Sincerely,



Daniel M. Sawhook, P.E.  
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Concrete Sealants, Inc.