

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: ConSeal CS-102 Butyl Sealant

Performance: Testing of this product meets the performance requirements set forth in ASTM C990 section 10.1 and the performance requirements set forth in ASTM C443 sections 9.1.1 and 9.1.2.

Specifications: This product meets or exceeds the requirements of Federal Specification SS-S-210 (210A), AASHTO M198 Type B, and ASTM C990. This product meets the physical properties of ASTM C990 section 6.2 (see below).

Chemical Composition and Physical Properties:

Hydrocarbon Blends, % by weight (ASTM D297):	50% min.
Ash-inert Mineral Matter, % by weight (AASHTO T111):	30% min.
Volatile Matter, % by weight (ASTM D6):	3% max.
Specific Gravity @ 77°F (ASTM D71):	1.15 – 1.40
Ductility @ 77°F (ASTM D113):	5.0 cm min.
Flash Point (ASTM D92):	350°F min.
Fire Point (ASTM D92):	375°F min.
Compression Index @ 77°F (ASTM C972):	100 lbf/in ³ max.
Compression Index @ 32°F (ASTM C972):	200 lbf/in ³ max.
Cone Penetration @ 77°F (ASTM D217):	50 to 120 dmm
Cone Penetration @ 32°F (ASTM D217):	30 dmm min.
Chemical Resistance (30-day Immersion):	No deterioration, no cracking, no swelling in: 5% Hydrochloric Acid, 5% Sulfuric Acid, 5% Sodium Hydroxide, 5% Potassium Hydroxide, and 5% Saturated Hydrogen Sulfide

Sincerely,



Daniel M. Sawhook, P.E.
Technical Resource Engineer
Concrete Sealants, Inc.