

# ConSeal™ CS-213

## Geotextile Backed Exterior Joint Wrap



## Membrane Waterproofing and Exterior Joint Wrap for Precast Concrete Joints

### Applications

External joint / seam wrap engineered for direct asphalt paving on: Bridge Decks, Box Culverts, and Concrete Bridge Spans. **Not intended for use in expansion joints or joints that move.**

### Sealing Properties

- Chemically resistant butyl resin sealant laminated to a temperature resistant geotextile fabric.
- High strength materials provide excellent resistance to puncture, tear and abrasion.
- Aggressively bonds to concrete and metal structures.
- Provides a flexible seal which becomes a permanent part of the pavement structure when the tack coat and asphalt are applied over the ConWrap CS-213.
- Geotextile fabric absorbs asphalt tack coat at a rate of approximately 0.30 gallons per square yard.
- Application temperature range: 0°F to 120°F (-18°C to 48°C)
- Service temperature range: -50°F to 330°F (-45°C to 165°C)
- ConWrap CS-213 will not shrink or oxidize upon aging.
- Available in numerous standard sizes:
  - Standard thicknesses: 0.065" and 0.100"
  - Standard widths: 6", 12", and 24"

### Specifications

Butyl Resin Sealant meets the requirements of ASTM Specification C990, Federal Specification SS-S00210 (210A) and AASTHO M-198(B).

### Physical Properties

#### Sealant

	Spec	Required*	CS-213
Hydrocarbon blend content % by weight	ASTM D4 (mod.)	50-70	51.2
Inert mineral filler % by weight	ASTM C990	30% min.	48.8
Volatile Matter % by weight	ASTM C990	2.0 max.	1.2
Specific Gravity, 77°F	ASTM C990	1.15-1.50	1.34
Ductility, 77°F	ASTM D113	5.0 min.	12
Penetration, cone 77°F, 150 gm. 5 sec. and ball °F	ASTM D217 ASTM D36	50-120 mm 320° min.	80-90 mm Softening point, ring 320°+
Flash point, C.O.C., °F	ASTM C990	350°F min.	450°F

*Don't Just Seal It, ConSeal It!*

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#### Physical Properties Continued

##### Geotextile Barrier

	Spec	Units	Geotextile Barrier
Grab Tensile, lbs.	D4632	lbs.	120
Elongation	D4632	%	50
Puncture Resistance, lbs.	D4833	lbs.	90
Bursting Strength (Mullen Burst)	D3786	psi	300
Trapezoid Tear	D4533	lbs.	45

#### Limited Warranty

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