



## Superior Corrosion Control

### Step 2 Belowground Wax Wrap

SCC Step 2 Belowground Wax Wrap provides long term solutions to the corrosion of belowground metal structures.



No special spraying or rolling equipment is needed for application



**Description:** Step 2 Belowground Wax Wrap is a petroleum based compound impregnated into a non-woven synthetic carrier that provides long term corrosion protection to belowground metal structures.

Wax is inert and does not degrade over time, therefore making Step 2 Belowground Wax Wrap ideal for corrosion protection. A major advantage of Step 2 Belowground Wax Wrap is its ease of application along with its pliability in cold weather. Step 2 Belowground Wax Wrap has exceptional dielectric strength making it compatible with cathodic protection.

Providing the metal structure is prepared properly and Step 2 Belowground Wax Wrap is correctly applied, the wrap will protect the structure from external corrosion indefinitely, given that external forces do not damage the wrap.

**Application Procedures:** Prepare surface to SSPC-SP2 standards. Using a wire brush, remove all loose scale, rust, paint, and other foreign material. Apply a thin layer, 3 mils minimum of SCC Step 1 Prime Guard to the surface. Next, spirally wrap SCC Step 2 Belowground Wax Wrap over the Prime Guard using a minimum 1-inch overlap. Make sure to press out all air pockets while smoothing out lap seams.

For additional mechanical protection against external forces apply SCC Step 3 HD Outer Guard.

In any environment there are conditions that may damage the wrap such as abrasion, soil stress, frost heave, and mechanical damage.

Step 3 HD Outer Guard acts as a cast providing protection which keeps the wrap intact and conformed to the metal structure, allowing the wrap to protect at its fullest potential.



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### Uses:

SCC Step 2 Belowground Wax Wrap is a 100% solids highly conformable and environmentally safe wax wrap. This wrap is designed to protect belowground metal structures such as pipes, fittings, and flanges from damage caused by corrosion.

Step 2 Belowground Wax Wrap requires minimal surface preparation to the metal structure, making it easier for customers to achieve maximum performance from the wax wrap. Even after being applied, Step 2 Belowground Wax Wrap can be repositioned.

### Advantages:

- Only minimal surface preparation required
- Easily conforms to irregular shaped profiles
- No curing time necessary for immediate backfill
- Environmentally safe, nontoxic, no VOC's
- No clay fillers
- No primer dissolving solvents
- Applied over wet or dry surfaces
- Meets AWWA C217 Standards

### Technical Data:

Properties	English	Metric
Color	Brown	Brown
Thickness	60 or 80 mils min. average	1.5 or 2.0mm min. average
Dielectric Strength (50% overlap)	250 volts per mil	10 kV per mm
Resistance to Cathodic disbonding(ASTM G-8)	Zero Disbondment	Zero Disbondment
Water Vapor Transmission	0.00024 perms avg.	0.00024 perms avg.
Maximum Service Temperature	150° F	65.5°C

### Quantity Estimates & Packaging: Other sizes available by request

Wrap Width	Wrap Length	Rolls/Case	yd <sup>2</sup> /case	Coverage 1" overlap	Coverage 50% overlap
4"	9'	24 rolls	8 yd <sup>2</sup>	54 ft <sup>2</sup> /case	36 ft <sup>2</sup> /case
6"	9'	16 rolls	8 yd <sup>2</sup>	60 ft <sup>2</sup> /case	36 ft <sup>2</sup> /case
12"	18'	4 rolls	8 yd <sup>2</sup>	66 ft <sup>2</sup> /case	36 ft <sup>2</sup> /case



**Superior Corrosion Control**  
**201 Andrew Park Drive**  
**Jackson, Michigan 49202**  
**Phone: 1-517-748-9330**  
**Fax: 1-517-784-9331**  
**[www.superiorcorrosioncontrol.net](http://www.superiorcorrosioncontrol.net)**

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