



Superior Corrosion Control

Step 2 Mold Guard FR

SCC Step 2 Mold Guard FR provides a long term flame resistant solution to the corrosion of metal structures in areas where risk of fire is elevated.



SCC Step 2 Mold Guard FR applied in a dry, high fire risk area

Description: Step 2 Mold Guard FR is a 100% solids blend of flame resistant waxes, polymers, and plasticizers impregnated into a synthetic felt carrier specifically formulated for use as a long-term corrosion preventative for metal structures in areas of elevated fire risk.

Wax is inert, has excellent moisture barrier properties, and does not degrade over time, making Step 2 Mold Guard FR ideal for corrosion protection. A major advantage of Step 2 Mold Guard FR is its ease of application, resistance to ignition, and low rate of spread. Mold Guard FR also has good self-extinguishing properties and a very high ignition point temperature.

Step 2 Mold Guard FR 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 Mold Guard FR can be repositioned.

Providing the metal structure is prepared properly and Step 2 Mold Guard FR is correctly applied, the wrap will protect the structure from external corrosion indefinitely, given that the wrap is not damaged by external forces.

Application Procedures: Prepare surface to SSPC-SP2 specification. 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 Step 2 Mold Guard FR 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 and to prevent debris accumulation on the tacky surface, apply SCC Step 3 HD Outer Guard.

Step 3 HD Outer Guard acts as a hard abrasion resistant cast providing protection to keep the wrap intact and conformed to the metal structure, allowing the wrap to protect to its full potential.



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Uses:

SCC Step 2 Mold Guard FR is an 80 mil highly conformable and environmentally safe flame-resistant wax wrap formulated to prevent corrosion on metal pipe, fittings, flanges, fixtures, and other metal structures above ground where the risk of fire is elevated.

SCC Step 2 Mold Guard FR is in effect odorless, VOC free, and non-toxic making it ideal for vaults and confined space applications.

Advantages:

- Flame and ignition resistant
- Good self-extinguishing properties
- Low spread rate if ignition occurs
- Environmentally safe, non-toxic, no VOC's
- No clay fillers
- No primer dissolving solvents
- Easily conforms to irregular shaped profiles
- Can be applied when wet and cold
- Only minimal surface preparation required

Technical Data:

Properties	English	Metric
Color	Neutral/Non-Pigmented	Neutral/Non-Pigmented
Thickness	80 mils min. avg.	2.0 mm min. avg.
UL 94 burn rate classification	V1	V1
Maximum Service Temperature	250°F	121°C

Quantity Estimates & Packaging: Other sizes available by request

Wrap Width	Wrap Length	Rolls/Case	yd ² /case	Coverage 1" overlap	Coverage 50% overlap
4"	18'	12	8 yd ²	54 ft ² /case	36 ft ² /case
6"	18'	8	8 yd ²	60 ft ² /case	36 ft ² /case
12"	18'	4	8 yd ²	66 ft ² /case	36 ft ² /case



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