

MOISTURE SEALS



SK2400 History:

The SK2400 reactive gel product was introduced during a NACE (National Association of Corrosion Engineers) chapter meeting in Anchorage in 2004. Engineers showed a high level of interest and began experimenting with the Anti Corrosion Coatings in areas with hidden or crevice corrosion such as pig door hinges. Within a couple of years, two major applications were underway. The first application was in wellhead casing fillers, where the Blue Goo™ (that's what they nicknamed the reactive gels) is now used by several firms for wellhead casing.



The Product:

The Step-Ko Products Moisture Seal Utilizes the combination of the SK2400 gel filler and the seal capabilities of the SM-65A fabric tape to form a moisture barrier between the concrete ring and steel ring interface. The chime seal tape is gray in color and is U/V resistant. The seal provides excellent adhesion characteristics to both the steel and concrete surfaces.

Typical Properties	Typical Values	Test Method
Thickness	65 mils	
Tensile Strength	50 lbs./in Width (769 PSI)	ASTM D 882 (Method B)
Puncture Resistance	200 lbs.	ASTM E 96 (Method B)
Permeance-Perms	0.1 max	ASTM E 96 (Method B)
Pliability at low temperatures (0°F., -15°F., -25°F)	No cracks in fabric or rubberized asphalt	ASTM D 146 (Modified)
Elongation	80	ASTM D 4632
Grab Tensile Strength	246	ASTM D 4632

How It Works:

- RG2400 creates a thin-like protective mineral layer on the surface of the steel through a chemical reaction. This helps solve corrosion problems.
- If moisture or salt water were to reach the steel surface and the gel coating is near by, it will raise the pH of the moisture to a level of 9 or higher because of components in the gel. Steel does not normally corrode at pH levels of 9 or higher.

OTHER PRODUCTS..

By Step-Ko

- Flange Protectors
- Nut & Bolt Protectors
- Heat Shrink Sleeves & Tapes
- Solutions For Sealing Pipelines From Corrosion
- Pipeline Pigs
- Insulated Enclosures/Buildings
- Anodes

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