



## STAC Wrap

Surface Tolerant Anti-Corrosion Products  
(meets ANSI/AWWA C217-90)

The STAC coating system is a petrolatum based, multilayer barrier designed to isolate all metal surfaces. STAC systems were developed for long term protection of metal surfaces in the most severe atmospheric, buried and submerged environments. The STAC coating system is not a form of paint but rather a foolproof, multi-purpose, hand-applied membrane wrap system. The petrolatum-based compound found in each of the components of the STAC coating system is chemically inert and contain no V.O.C's. The coating does not polymerize and harden like all conventional coatings, but remains thermoplastic and pliable throughout its service life. This non-hardening and non-cracking characteristic accommodates vibrations and movement of the substrate over a very wide temperature range. STAC coatings are applied over wire-brushed surfaces so no abrasive blasting is required.

The STAC system consists of:

**STACprime** - A brush applied, paste-like product that displaces surface moisture, passivates surface oxides, fills surface imperfections and ensures adhesion between STACwrap and the substrate. It is non-drying, non-hardening, impervious to water, highly resistant to mineral acids, alkalis and salts, non-toxic and non-flammable.

**STACfill** - A putty-like compound used to improve the contour of irregular shaped items. It is used for profiling around valves, flanges, fittings, nuts, bolts and other irregular shapes prior to wrapping with STACwrap. It is a non-hardening, self-supporting compound which accommodates vibration and mechanical stress. It is highly resistant to mineral acids, alkalis and salts, non-toxic and non-flammable.

**STACwrap** - A stitch bonded fabric saturated with a petrolatum compound for a long lasting outer barrier resulting in long term corrosion protection, sealing and waterproofing of atmospheric, buried and submerged metal surfaces. The high degree of conformability of STACwrap allows for easy application over irregular surface profiles. It is a non-woven, stitch-bonded, synthetic fabric carrier; fully saturated and coated with a neutral petrolatum compound blended with inert fillers and corrosion inhibitors. It is stable in composition and plasticity over a wide temperature range. It is a non-hardening, self-supporting compound which accommodates vibration and mechanical stress. It is highly resistant to mineral acids, alkalis and salts, non-toxic and non-flammable.

**STACguard** - A tough, conformable, pressure sensitive over wrap which provides increased mechanical strength and electrical resistance when applied over STACwrap for protection against backfill and soil stress. It is a plasticized self-adhesive PVC material that is highly impermeable to water, water vapor and air. It has excellent long term resistance to seawater, alkalis, acids, oil and bacteria.