



Leem-Guard Fusion Bonded Epoxy **For Ductile Iron Fittings and Joint Restraints**



The Leem-Guard Fusion Bonded Epoxy is applied to the outside surface of the fitting or joint restraint which protects against corrosive soil conditions. Epoxy coating on the inside surface protects against low or high pH corrosive water created by sulfur burner systems. The inside coating can also protect against harsh liquids found in chemical injector systems. Without epoxy coating, the corrosive water and chemicals can attack the ductile iron material which can cause major deterioration and product failure over time. The Leem-Guard Epoxy coating is standard on Leemco saddles, isolation valves, resilient mainline gate valves, DPS (C900) directional fittings and DPS (C900) joint restraints.

MATERIAL: **Leem-Guard Epoxy, thermoplastic formulated powder, 10-12 MIL thickness**
STANDARDS: **CSA Z245.20-20, CSA Z245.20-98, NSF 61**
INSTALLATION: ... **Per IPS, DPS & DIN Pipe Standards**

Specification:

All interior and exterior surfaces of Fittings and Joint Restraints shall be fusion bonded Leem-Guard epoxy, consisting of thermoplastic powder formulated specifically for underground piping components and shall conform to the requirements of CSA Z245.20-20 and NSF 61 for water services. The average mil thickness shall be 10-12; the minimum thickness shall be 5 mil. The epoxy coating shall be electro-statically applied to chemically etched and heated (460 degrees F) substrate surfaces, cured and quenched. The epoxy coated products shall pass 90-Day Immersion tests per CSA Z245.20-98. Care must be taken not to chip or damage coated products, prior to, during and after installation. All products shall be as manufactured by Leemco, Inc., U.S.A.