

Fusion Bonded Epoxy Coating

Corro-Coat EP-F 1003LD

Test Data		
Property	Test Description	Results
Impact Resistance	Modified ASTM G14-72 at 25°C	18 J
Adhesion	Modified ASTM D-1002	185 Kg/cm ²
Flexibility	Mandrel Bend Test @ 25°C @ 0°C	Pass 5° per pipe dia inch Pass 5° per pipe dia inch
Tensile Strength	ASTM D-2370-82	500 Kg/cm ²
Elongation	ASTM D-2370-82	6%
Abrasion Resistance	ASTM D1044 CS-17 1000 g weight	Less than 0.200 g loss
Salt Spray	ASTM B117-73	3000 hours No face rust 0 - 2 mm creepage
Water Immersion	ASTM D870-54 Distilled Water - 38°C	3000 hours No blistering or other failure
Water Permeation	ASTM E-96 @ 140°F _g 1 hour/mil	28.76 X 10 ⁻⁵
Cathodic Disbondment	British Gas CW6 (30 days at 25°C) CSA 12.9 (48 hrs at 65°C)	Less than 5 mm radius Less than 8 mm radius
Dielectric Resistance	ASTM D149-87	550 volt per 25μ
Dielectric Strength	ASTM D150-74	2.7 @ 1 Mhz
Volume Resistivity	ASTM D257-76	6.9 X 10 ¹⁵ ohm-cm