

CERAMAWRAP™ EPOXY

SIMULATED ACCELERATED TESTING AS IT RELATES TO THE PROTECTION OF THE EXTERIOR OF DUCTILE IRON PIPE AND FITTINGS IN IN AGGRESSIVE ATMOSPHERES AND LIQUIDS

The following tests were run on the exterior of ductile iron pipe coupons:

TEST	RESULTS
20% Sulfuric Acid Immersion	After 1 year 8 months exposure No effect when rated using ASTM D-714.
25% Sodium Hydroxide Immersion	After 1 year 8 months exposure No effect when rated using ASTM D-714.
5% Sodium Chloride Solution (Salt Water) Immersion Unscribed panel	After 1 year 8 months exposure No effect when rated using ASTM D-714.
5% Sodium Chloride Solution (Salt Water) Immersion Panel Scribed to Metal	After 1 year 8 months exposure None to very slight under-film corrosion at the scribe. No effect when rated using ASTM D-714.
Distilled Water Immersion	After 1 year 8 months no effect when rated using ASTM D-714.
Salt Fog (5% Sodium Chloride Solution Mist at 95°F) Scribed Panel	After 1 year 8 months exposure None to very slight under-film corrosion at the scribe. No effect when rated using ASTM D-714.
Impact Resistance for Pipe Line Coatings ASTM G-14	Passed - 140 in./lbs.
Standard Test Method for Resistance to Cathodic Disbondment by the attached Cell Method ASTM G-95	No coating surface irregularities, (No blistering or hydrolysis) 7.1mm average disbondment after 30 days
Standard Test Method for Permeability ASTM D-1653	0.00 Metric Perms