

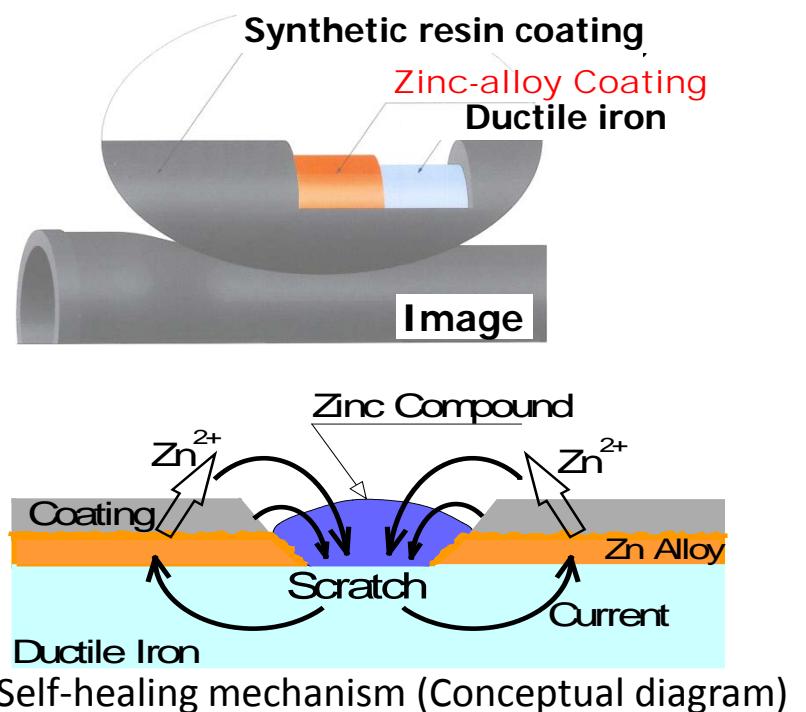
ERDIP NEWS

April 2018, Vol. 5

C-protect of GENEX offers superior corrosion resistance !!

C-protect, zinc-alloy and synthetic resin coating, has an excellent anti-corrosion performance, especially in the high corrosive soil conditions with marine water.

Zinc-alloy coating has a self-healing mechanism as same as zinc coating. However zinc-alloy coating withstood more than 20 times longer exposure than zinc coating on the same thickness, according to results of our salt spray test based on ASTM B 117. The dissolution rate of zinc can be slow down by the effect of the additional alloy.



Anti-corrosion performance : Salt spray test (35°C, 5%NaCl) based on ASTM B 117

Zinc-alloy Coating		<Reference> Zinc Coating	
			
Before	After 350 days	Before	After 15 days
Thickness: 20µm		Thickness: 20µm	
	No rust		

※Thickness of Zinc-alloy coating of C-protect of GENEX will be 50µm.

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Come visit us at booth # 14093 at ACE 18 in Las Vegas !!

Kubota will exhibit ERDIP at AWWA ACE18 between June 12th and 14th in Las Vegas.

Also Mr. Satoshi Suenaga, an engineer of Kubota will make a presentation in THU32 - SEISMIC AND PLANNING ISSUES REGARDING WATER DELIVERY at 2:30 pm on June 14th.

The title of his presentation is "Installation of Earthquake Resistant Ductile Iron Pipe for San Francisco Auxiliary Water Supply System and other cities".

The summary of his presentation is that Earthquake Resistant Ductile Iron Pipe (ERDIP) was developed and standardized in Japan in 1970's. Its performance has proven very successful having no breaks or leaks in nearly 40-years of service. In April, 2013, the City of Los Angeles Department of Water and Power (LADWP) completed their installation of 1,752 feet of ERDIP which was our first pilot project outside Japan.

Auxiliary Water Supply System (AWSS) is a designated high-pressure firefighting pipeline in San Francisco which requires seismic countermeasures. Most of the pipeline was constructed between 1910 and 1913 with Cast Iron Pipe (CIP) after the fires caused by the 1906 San Francisco earthquake. In 2015 and 2016, ERDIP was rigorously selected and installed for the AWSS pipeline project.



Kubota booth at ACE 17 in Philadelphia



Lift up demonstration of ERDIP 20" dia. in Japan



ERDIP 20" dia. for AWSS in San Francisco



For further inquiry, please feel free to contact us.

Kubota Corporation, Pipe Systems Overseas Department

Address : 1-3, Kyobashi 2-chome, Chuo-ku, Tokyo, 104-8307 Japan

E-mail : kbt_g.ironpipe@kubota.com

Web site: <https://www.kubota.com>

