

BELZONA EXTENDS WORKING LIFE OF FLOWMETERS BY TEN TIMES

CUSTOMER

International Manufacturer. England

APPLICATION DATE

May 2005

APPLICATION SITUATION

Electro-Magnetic Flowmeters

PROBLEM

The typical life span of PTFE sleeves in certain situations in the paper industry was only 10 to 12 weeks. All other alternative abrasion resistant materials were unsuitable due to the high operating temperatures.

PRODUCTS

Belzona® 1391 (Ceramic HT)

SUBSTRATE

Various Steels

APPLICATION METHOD

Belzona Know-How System Leaflet CEP-3 was utilised and developed by customer and Consultant and has now become an OEM for the manufacturer, worldwide.

BELZONA FACTS

After 6 years development prior to 2005, some 300+ meters have been produced in a range from 100mm to 400mm diameter. Protected by Belzona® 1391 they now have a typical life span of 2 to 3 years, a ten fold increase. WRAS potable water approval is added advantage. Meters have also been installed by a Water Authority in de-salination plants and distribution networks.

PICTURES

1. Typical Electro-magnetic flow meter
2. Revolving jigs were made to ensure ease and uniformity of the application
3. Removing the protection from the electronic sensor after application
4. Finished. Ready for dispatch



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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