
BELZONA® REBUILDS AND PROTECTS VANES

CUSTOMER

Water plant, Egypt

APPLICATION DATE

February 2003

APPLICATION SITUATION

Two water pump impellers

PROBLEM

Vaness of the impellers were severely cavitated.

PRODUCTS

Belzona® 1311 (Ceramic R-Metal)

Belzona® 1321 (Ceramic S-Metal)

SUBSTRATE

Cast iron

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet CEP-1 & 3.

BELZONA FACTS

Belzona rebuilt the cavitated vanes saving replacement cost of the impellers. It also provided resistance to cavitation by coating the vanes with Belzona® 1321. This application was repeated with other impellers later and the impellers are working in good condition to date.

PHOTOGRAPHS

1. The cavitated vanes of the impeller.
2. Preparing to rebuild the lost edges.
3. Rebuilding the vanes.
4. Vanes were rebuilt and coated.

