

BELZONA PROTECTS CYCLONES

CUSTOMER

Manufacturer, France

APPLICATION DATE

April 2001

APPLICATION SITUATION

Cyclone used to dewater drilling mud produced by tunnel boring machine.

PROBLEM

Severe abrasion due to the wet mud. The original bonded rubber lining usually used is difficult to repair insitu due to the complex surface geometry.

PRODUCTS

Belzona® 1812 (Ceramic Carbide FP)

SUBSTRATE

Steel

APPLICATION METHOD

The application is carried out in accordance with Belzona Know-How System Leaflet SHM-13.

BELZONA FACTS

The Belzona solution allowed repairs to be done in-situ minimizing delays to the tunnel boring process. The Belzona® 1812 was easily applied and formed to the complex shape of the centrifuge. No further repairs were required after 2 years in service (2003).

PICTURES

1. Cyclone head
2. Interior of the cyclone after blasting
3. Interior of the cyclone after the application of Belzona® 1812



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