

## **BELZONA® 4000 SERIES PRODUCTS REBUILD REINFORCED CONCRETE WALL**

### **CUSTOMER**

Pulp and Paper Operation  
Castlegar, BC



### **APPLICATION DATE**

May 2004

### **PROBLEM**

The reinforced concrete wall had been damaged by heavy duty front end loaders equipped with large chip loading buckets



### **PRODUCTS**

Belzona® 4111 Magma Quartz  
Belzona® 4141 Magma Build

### **SUBSTRATE**

Reinforced Concrete

### **APPLICATION METHOD**

Application carried out in accordance with a modified version of Belzona® Know-How Leaflet FPA-1



### **BELZONA FACT**

The use of the two Belzona products allowed the wall to be rebuilt in a single day. A conventional concrete repair would have taken more time along with the accompanying downtime to complete. This was not an option

### **PHOTOGRAPHS**

1. A suitably sized steel channel was placed over the top edge of the wall to help anchor the broken sections in place. *INSET PHOTOGRAPH: Shows condition of repair in May 2006*
2. The damaged sections were then rebuild and "glued" into place with Belzona 4111 and 4141
3. Another section of the damaged wall showing reinforcing channel in place.
4. View of repaired wall taken 2 years later in May 2006, showing how well the repair has stood up against the constant impact of loaded chip buckets being constantly driven into it.

