
BELZONA® 1812 USED TO REBUILD AND PROTECT ID FAN HOUSING FROM EROSION

CUSTOMER

Pulp & Paper Operation
Port Alberni, BC

APPLICATION DATE

June 2002

PROBLEM

The fan housings would erode away requiring extensive welding or replacement

PRODUCTS

Belzona® 1812 Ceramic Carbide FP

SUBSTRATE

Steel

APPLICATION METHOD

Application carried out in accordance with a modified version of Belzona® Know-How Leaflet FBC-2

BELZONA FACTS

Rebuilding and protecting from further abrasion without having to dismantle resulted in saving a significant amount of downtime. This unit had suffered a major amount of metal loss when checked for thickness. Rebuilding with Belzona 1812 allowed unit to operate for another year before being replaced. When it was replaced in 2003 it was established that the housing had suffered no further metal loss. *This result lead the mill to have the replacement units pre-coated prior to installation. See BC KHIA #174*

PHOTOGRAPHS

1. Unit prior to surface preparation
2. Preparation of the metal surfaces was by grit blasting.
3. Completed application of Belzona 1812 Ceramic Carbide FP.

