

## HOPPERS LINED WITH BELZONA FOR EXTENDED LIFE

### CUSTOMER

Manufacturer of asphalt shingles, Canada

### APPLICATION DATE

June 2006

### APPLICATION SITUATION

Hoppers that handle abrasive solid material in the production of asphalt shingles.

### PROBLEM

Unloading of solids, composed of fine stone approximately 1/32" diameter, creating high abrasion on the inside surface of the hoppers.

### PRODUCTS

Belzona® 1812 (Ceramic Carbide FP)

Belzona® 2111 (D&A Hi-Build Elastomer)

### SUBSTRATE

Mild Steel

### APPLICATION METHOD

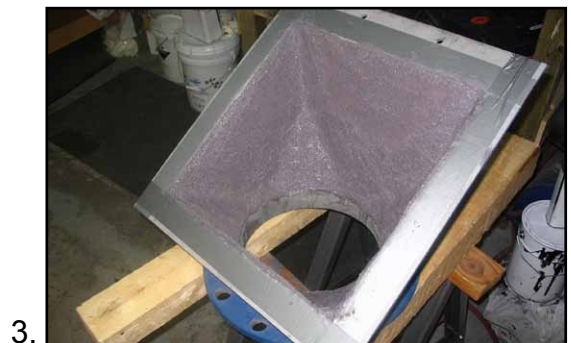
Application was carried out using Know-How System Leaflet SHM-13. Belzona® 1812 applied to profile the hopper before overcoating with Belzona® 2111. Both mild steel hopper and Belzona® 1812 grit blasted before coating.

### BELZONA FACTS

Hopper volume : 22.5 tons of material per hour 24 hours a day /7 days a week. Production shut down 40 days per year. Originally the hopper had a life expectancy of 1 month. Other solutions lasted 7 months. With the Belzona solution equipment now operates for a period of 18 to 24 months maintenance free. They even carry 1 or 2 hoppers in stock. Client approved the Belzona® 1812 as an inventory product and is used in other applications.

### PICTURES

1. Hopper grit blasted
2. Masking prior to application
3. Application of Belzona® 1812
4. Hoppers lined with Belzona® 2111



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



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