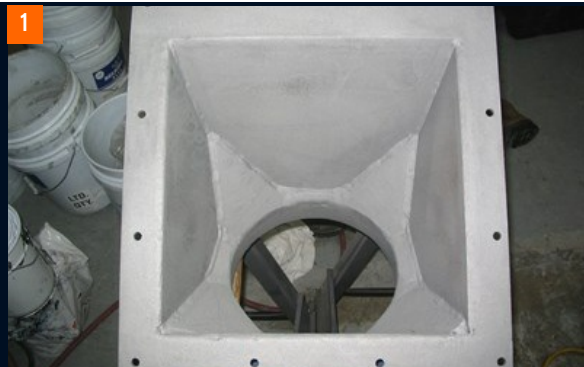


HOPPERS LINED WITH BELZONA FOR EXTENDED LIFE

ID: 1335



PROBLEM

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

APPLICATION SITUATION

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

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.

INDUSTRY

General Industry

LOCATION

Manufacturer of asphalt shingles, Canada

APPLICATION DATE

June 2006

PRODUCTS

Belzona 1812 (Ceramic Carbide FP)
Belzona 2111 (D&A Hi-Build Elastomer)

SUBSTRATE

Mild Steel

PHOTOS

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 khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

