

BELZONA SOLVES MISALIGNMENT ON QUARRY TRUCK SCALES

ID: 6147

Industry: Mining & Quarrying
Application: GSS-Gaskets, Seals and Shims
Substrate: Metal and concrete
Products: * Belzona 5811 (Immersion Grade) ,
* Belzona 1111 (Super Metal) ,

Customer Location: Quarry, Croatia
Application Date: May 2016

Problem

Concrete surface under the metal plate on the approach to the truck scale was badly damaged due to misalignment of mating faces. Truck scale must be in operation during the two shifts per day, six days per week operation of the quarry so fast repair procedure required.



Photograph Descriptions

* 1. Damaged concrete under the old metal plate 2. New metal plate in position with sealed edges. 3. Injection of Belzona 5811 4. Application completed ,

Application Situation

Misalignment of metal approach plate to truck scales.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet GSS-9. After installation of the new metal plate, the edges of the mating faces were sealed with Belzona 1111 to prevent leaking of Belzona 5811 which was injected through previously drilled holes.

Belzona Facts

The only real alternative was to remove old concrete and build another construction. Customer did that first time, but it didn't solve

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ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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the problem, because the alignment of mating faces was still inaccurate. The application was done in one shift, a day before weekend and national holiday and hence there was just one shift of downtime. Customer had some other offers but value for money was best with Belzona.

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