

BELZONA SOLVES MISALIGNMENT ON QUARRY TRUCK SCALES

ID: 6147



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.

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 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.

INDUSTRY

Mining & Quarrying

LOCATION

Quarry, Croatia

APPLICATION DATE

May 2016

PRODUCTS

Belzona 5811 (Immersion Grade)
Belzona 1111 (Super Metal)

SUBSTRATE

Metal and concrete

PHOTOS

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

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

