

BELZONA RELINES ABSORBER TOWER IN PETROCHEMICAL PLANT

CUSTOMER

Petrochemical Complex in Venezuela

APPLICATION DATE

March 1995

APPLICATION SITUATION

MEA-CO₂ Absorber tower - 18m high, 2.3m diameter in Ammonia Plant

PROBLEM

Erosion of the tower lining by the fluids it contained had previously been repaired by the clients own staff. Surface preparation had not been sufficiently good and the repair had failed by peeling.

PRODUCTS

Belzona® 1311(Ceramic R-Metal)

Belzona® 1321(Ceramic S-Metal)

SUBSTRATE

Carbon Steel

APPLICATION METHOD

In accordance with Belzona Know-How System Leaflet TCC-5.

BELZONA FACTS

Replacement of the absorber tower would have been costly, both in time and in money. Welding the eroded areas presented a safety risk, due to the volatile mix of chemicals in the surrounding location. The decision to go with a Belzona repair system saved the company over £70,000, many weeks of lost capacity and provided a hazard-free solution.

PICTURES

1. The absorber tower
2. Internal scaffolding erected and surfaces prepared
3. The repair in its final stages



1.



2.



3.

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



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