

BELZONA HIGH TEMPERATURE LINING FOR NEW AUTOCLAVE

ID: 5641



PROBLEM

Operating conditions of the new autoclave will be immersion temperatures up to 110°C (230°F) and corrosive media including ethanol, methyl methacrylate and ETMA.

APPLICATION SITUATION

New carbon steel autoclave required corrosion protection.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-5. After grit blasting to SA 2.5 a two-coat system of Belzona 1593 was hand applied to an area of 45m² (484 ft²).

BELZONA FACTS

The Belzona system offers excellent protection against corrosion at high temperatures. Rubbery domains have been incorporated into the polymer matrix to inhibit crack propagation and ensure longevity of the Belzona lining during thermal cycling.

INDUSTRY

Oil & Gas

LOCATION

Vessel Fabricator, Flums, Switzerland

APPLICATION DATE

October, 2014

PRODUCTS

Belzona 1593

SUBSTRATE

Carbon Steel

PHOTOS

1. Outside view of autoclave
2. Autoclave ready for grit blasting
3. Lining application in action

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.

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