

Belzona stems leak and repairs ground water clarifier nozzle

ID: 10049

Industry: *Chemical & Petrochemical*

Customer Location: *ELMIRA, ONTARIO*

Application: *VPF-Valves, Pipes and Fittings*

Application Date: *October 2025*

Substrate: *Carbon steel*

Products: *Belzona 1161 (Super UW-Metal), Belzona 5831LT*

Problem

Ground water clarifier nozzle and parts on the tank close to it were leaking and required stemming the leak and repairing the eroded parts.



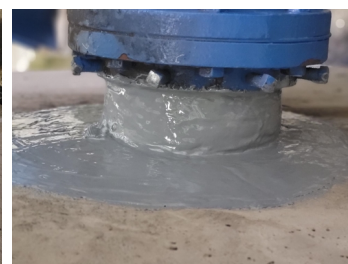
Before surface preparation.



After surface preparation



After application of Belzona 1161



After application of Belzona 5831

Application Situation

Customer wanted a fast repair to stem the leak from the nozzle of a ground water clarifier and repair the eroded parts on the tank without shut down as area was classified as confined space. Belzona was able to stem the leak, rebuild / repair the eroded parts without shutting down the clarifier, thereby saving customer time and money.

Application Method

Repair area was cleaned using power tool according to the SSPC SP 11 guidelines with solvent cleaning afterwards. After drying, Belzona 1161 was impregnated into the surface using a short bristled brush before the mesh Belzona 9341 was wetted with the material and wrapped round the area. More Belzona 1161 was applied to fully encapsulate the mesh. Belzona 5831 was applied afterwards to help against ingress of moisture and water.

Belzona Facts

The application saves the customer time and money as repair was carried out in-situ.

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ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

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