

CHEMICAL RESISTANT BELZONA LINING APPLIED TO INTERIOR OF MIXER DRUM

CUSTOMER

Chemical Manufacturer, Bristol, UK

APPLICATION DATE

December 2018

APPLICATION SITUATION

Newly fabricated mixer drum (2.2m length x 1.5m diameter) used in a chemically aggressive process.

PROBLEM

Following the success of Belzona systems in the past, the client requested that Belzona Technosol apply a chemical resistant coating system to a newly fabricated mixer drum to extend the life expectancy.

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 4341 (Magma CR4)

SUBSTRATE

Steel

APPLICATION METHOD

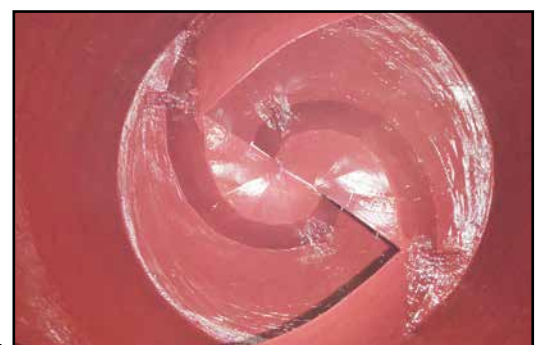
The internals of the drum were prepared using conventional grit blasting methods to the required standard. The paste grade Belzona 1111 was used to fill the voids between the blades. Once cured, three coats of Belzona 4341 were applied by brush. The lining was allowed to cure for 12 hours. Following that, heat was applied for 4 hours at 80°C to force cure the product and maximise chemical resistance properties. The product was applied in accordance with Belzona Know-How System Leaflet TCC-5.

BELZONA FACTS

Belzona Technosol have carried out several protective coating applications for the client in the past so they were confident that Belzona could provide the required chemical resistance to the mixer drum. The application was undertaken at Belzona Technosol's fully equipped workshop, allowing them to provide a full turn key service.

PICTURES

1. Mixer drum delivered to workshop
2. Internal substrate prepared
3. Voids between blades filled
4. Completed lining



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



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