

BELZONA REPAIRS AND PROTECTS 18 CHILLERS

ID: 8267



PROBLEM

Tubesheet and water box surfaces of 10 Chillers of a Plastic Plant's HVAC system were corroded over time. The client had purchased 8 new chillers for a new HVAC system and had planned to replace the 10 chillers in phases. Customer needed a cost effective solution.

APPLICATION SITUATION

Tubesheet and Water boxes of Chiller units

APPLICATION METHOD

Application carried out in accordance with Belzona Know-How System Leaflets HEX-1 & -3. After corking tubes, Belzona® 1111 used to ensure the tubes are flush with the surface before applying the Belzona 5811 system.

BELZONA FACTS

As max temp of water in the chiller was 40 deg.C, Belzona 5811 was selected considering the price point. By applying the protective coating at the factory the customer was able to prevent much of the damage caused by day to day operation of the equipment and extend the life. The Belzona application saved the equipment from replacement. Initially the application was done only on 3 chiller units. Seeing the cost saving and life extension, the customer placed order for rest of the 7 old chillers and 8 new chillers.

INDUSTRY

LOCATION

Jalgaon, India

APPLICATION DATE

May 2018 - April 2019

PRODUCTS

Belzona 1111 SuperMetal Belzona 5811
Immersion Grade

SUBSTRATE

Steel

PHOTOS

1. Old Chiller with tubesheet and water boxes
2. Chiller under process of being cleaned
3. Chiller resurfaced with Belzona 1111
4. Chiller coated with Belzona 5811

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


BELZONA

Copyright © 1952-2026 Belzona International Limited.