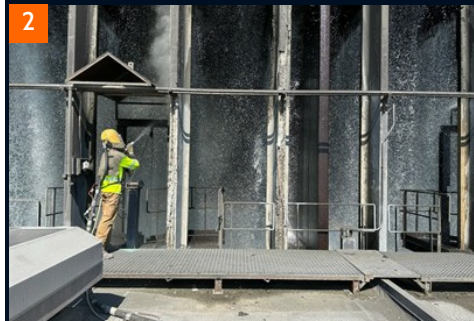
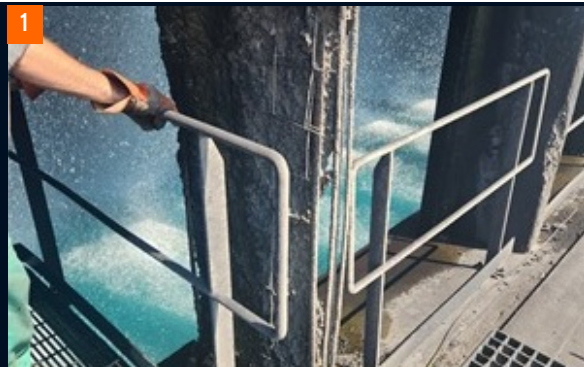


REBUILDING CONCRETE COLUMNS IN A COOLING TOWER.

ID: 9241



PROBLEM

The customer faced deterioration of concrete columns within their cooling tower, resulting in exposed reinforcement bars. This type of damage can accelerate corrosion, weaken structural integrity, and increase the risk of further deterioration if left unaddressed.

APPLICATION SITUATION

The primary goal was to ensure the secure sealing of rebars while achieving a revitalized appearance. Implementing Belzona not only reduced downtime but also provided superior protection compared to alternatives, delivering long-term durability and contributing to significant cost and time savings.

APPLICATION METHOD

Specific techniques, such as floats and a wood mold, were employed for the best finish. After curing, the product was sanded for an even better result.

BELZONA FACTS

The benefits of Belzona 4141 include its lightweight composition suitable for application on vertical and overheated surfaces. It offers rapid curing and outstanding adhesion properties to concrete.

INDUSTRY

Steel & Metal Processing

LOCATION

Gary, Indiana

APPLICATION DATE

September 2023

PRODUCTS

Belzona 4141 (Magma-Build)
Belzona 5811 (Immersion Grade)

SUBSTRATE

Concrete

PHOTOS

1. Deterioration of the columns
2. Surface preparation on concrete
3. Application of Belzona 4141 for repair
4. Application of Belzona 5811 for protection

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

