

# Field Erected Cooling Tower Basins

**Project: Denver Post Building Cooling Tower Complex, Denver Colorado**



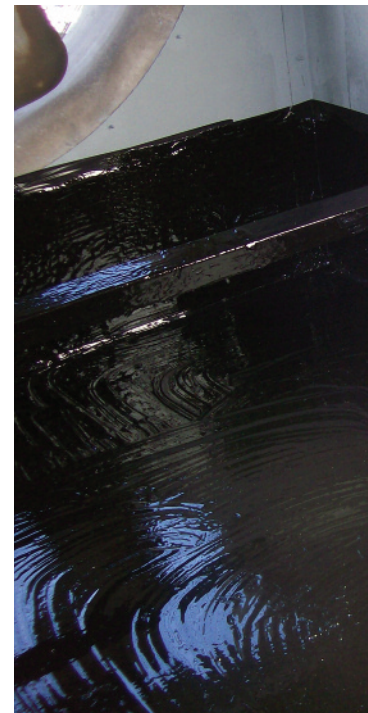
monolithic rubberlike lining that effectively bridges gaps and holes. Three coats of CIM were applied to the basins in order to build up the thickness of the lining to 80 mils.

The CIM liner in the basin was a more economical repair than replacement of the entire steel basins. The owner was satisfied with the product's ability to dramatically extend service life.

**Cooling tower coatings need to withstand extreme environments, including immersion in water, exposure to corrosion chemicals and thermal expansion and contraction.**

Upon inspection, several cooling towers on the Denver Post Building were observed in various states of corrosion.

The hot and cold water collection basins had pin holes and leaks caused by severe corrosion. After surface preparation and patching of the larger holes, CIM 1000 was applied directly to the steel basins. Once cured, the CIM 1000 forms a



**Keeping Liquids Where They Belong**



**C.I.M.  
Industries  
Inc.**

A Chase Corporation Company

Published data and specifications subject to change without notice.

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# CIM High Performance Coatings and Linings

**Cost-Effective Solutions to a Broad Range of Liquid Containment Problems**

**For more than 40 years C.I.M. Industries has led the liquid storage and containment industry with a product line that delivers long-term solutions to virtually every containment need.**

The entire CIM product line offers numerous benefits to our customers. CIM coatings permanently adhere to a variety of properly prepared substrates including concrete, steel, glass, wood, earth, and more. CIM is quickly applied by spray, squeegee, or roller. Cure-time, which is typically 24-hours, results in minimal facility downtime. The final product, a resilient elastomeric coating, withstands substrate movement and environmental extremes. Products are also UL approved, meet tough VOC regulations and are ANSI/NSF 61 approved for potable water contact. Each of our products has been formulated and tested for use in specific applications.

No matter how demanding the containment application, from hazardous waste to potable water, CIM offers a product to meet the challenge and deliver cost effective, long-lasting results.

***Please contact C.I.M. Industries for the CIM Representative in your area.***

## **Potable Water Facilities**

Chlorine Contact Chambers, Clearwells, Clarifiers, Filtration Systems, Potable Water Tanks/Reservoirs, Pump Stations, Sedimentation Basins, Water Softeners, Flocculation Basins, Filter Beds

## **Wastewater Systems**

Aeration Basins, Clarifiers, Digesters, Equalization Basins, Lift Stations, Lagoons, Pump Stations, Sedimentation Basins, Sludge Tanks

## **Chemical Containment**

Tank Farm Containment, Collection/Catch Basins, Drainage Ditches, Paper Mill Tailings and Effluent Ponds, Chemical Feed Systems, Primary/Secondary Chemical Containment

## **Waterproofing, Decks and Pavement**

Below Grade, Bridge Decks, Planter Boxes, ponds, Roofs, Tanks, Waterscapes, Joint and Crack Repair, Pedestrian and Parking Decks, Between Slab Waterproofing

## **Water Features**

Interior and Exterior Fountains, Waterfalls, Reflecting Pools, Decorative Ponds and Fountains, Fish Ponds, Planter Boxes

## **Cooling Tower Systems**

Distribution Decks, Collection Basins, Ice Storage Tanks, Chilled Water Tanks, Field Erected Towers, Packaged Towers, Chiller Plants

## **Corrosion Protection**

Steel, Concrete, Marine Environment

## **Roofing**

Plywood, Concrete, Metal, Insulation Board, Foam Insulation, Vents, Ventilators, Built-up Roofing

## **Other Uses**

Methane Barrier, Helipads, Hatcheries, Silos, Joint Sealing, Repairing Other Liner Failures

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