

# Plaza Deck Waterproofing

**Project: Pedestrian Roof Deck, St. Mary's Medical Center, St. Louis, Missouri**



Doctors and administrators frequently park in the garage, and the hospital was concerned that their expensive cars would need protection from the falling water and debris caused by leaks in the deck above.

The concrete deck was primed with CIM 61BG, and waterproofing was accomplished with 80 mils of CIM 800.

### Update

The pedestrian deck has now been in use since 2001 with no evidence of water penetration or leaks.

**The roof of the underground parking garage at the St. Mary's Medical Center in St. Louis, Missouri, is a plaza deck that has poor drainage and often leaked during inclement weather.**

The hospital wanted a high performance product that is durable and suitable for ponding water since they would not have access to the waterproofing after pavers, concrete and large trees were installed.



**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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