

Fountain Basin and Liner

Project: Olympic Rings Fountain, Georgia



The centerpiece of the 1996 Olympics' Centennial Park, Olympic Rings Fountain is the world's largest interactive fountain.

With its spectacular synchronized displays of light, music, and water, the \$2.5 million extravaganza remains a top Atlanta tourist destination.

Everything about the fountain is impressive: 82.5 feet in length, five hydraulic pumps circulate the water, which can be programmed through 251 water jets and 400 fog jets. Each minute, enough water recycles through the fountain to fill an average size swimming pool in just five minutes. Beneath the fountain, a large control room houses the pump room and computer system.

Undertaking the construction of such a large, sophisticated design demanded time-tested, quality materials. The specifier sought an impermeable, abrasion resistant, elastomeric liner that would not only contain the water but also protect the vault beneath. With 25 years of proven performance in demanding environments, CIM 1000 was the product of choice.

Concrete basins were poured over the vault and allowed to cure in order to reach a minimum 3000 psi and less than 5 percent moisture content. CIM 61 Epoxy Primer, a two-component high solids epoxy coating, was applied to seal the concrete. Once cured (roughly 10 hours), CIM 1000 was applied with roller and brushes, attaining a uniform 60 wet mil coating. With the vital control room protected, the fountain was then built over the CIM liner.

Since 1996 countless visitors have delighted in music such as Tchaicowsky's 1812 Overture accompanied by stunning light and water displays. But beneath the surface, maintaining the integrity of this impressive synchronized fountain, CIM 1000 remains dependably intact, elastomeric, and impermeable—giving new meaning to the phrase "the thrill of victory."



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

www.cimindustries.com

23 Elm Street

Peterborough, NH 03458 USA

Tel 603.924.9481

800.543.3458

Fax 603.924.9482