

Mapei on the Olympic

SALT LAKE CITY



Salt Lake City, capital of Utah, was transformed for 18 days in February of this year as it became the global center for the Olympic Winter Games. With its slogan, "Welcome to the most beautiful snow in the world", the city was host to 1.5 million visitors,

2500 athletes from 72 countries, 100,000 volunteers and a television public of 3 million people. A combination of avant-garde technology and infrastructure created the tremendous framework that captured the imagination of its global audience.

At a cost of 300 million dollars, this imposing scene was protected by a wall of security provided by thousands of guards, video cameras and equipment specialized in recognizing explosives. The city, founded in 1847 by Brigham Young, then president of the Mormon Church, is situated on the Great Salt Lake. Its focal point is the Temple Square, home of the great Mormon Temple, a neo-gothic structure built from white granite and characterized by six majestic steeples. This plaza, spanning three square miles, played center stage each night to the



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award ceremonies as the Wasatch Mountains loomed in the distance. For this occasion, the historic Heber Valley Railroad, created under Abraham Lincoln's presidency, was reopened. Hauled by the glorious Big Boy 618, the 1903 Union Pacific steam engine transported visitors on the Heber Valley Railroad through the Provo Canyon and into the Olympic grounds below. For those who are interested in the structures created for this event, the list includes seventeen buildings, some created specifically for the games, others restored for the occasion. Already present in almost all the Olympic venues from 1960 onward (and most recently, the 2000 Summer Games in Sydney), Mapei was also part of the 2002 Winter Games where it contributed with its products to help realize the numerous events, including both athletic and public arenas and infrastructures. In fact, it greeted guests at the airport and continued its presence in the Little America Grande Hotel.

Photo 1. A view of the Heber Valley Historical Railroad Station entrance way where the Mapei application systems included the KERALASTIC SYSTEM, TYPE 1 MASTIC, ULTRACOLOR, PRP 315, KERACRETE, ECO 185, ECO 575 and ECO 710.

Photo 2. At the Marriott Mountain Side Resort, the hotel located near the Park City Ski Arena, the Mapei installation systems used were ULTRAFLEX 2, KER 200, KER 800 and TYPE 1 MASTIC.

Photo 3. For the elegant Grand America Hotel by Little America built in Salt Lake City, the granite and marble floor installation was made possible with MAPECEM, PLANICRETE 50, KER 800, PRP 315, KERALASTIC SYSTEM and KERAPOXY.

Photo 4. Mapei products welcomed athletes and spectators alike as they arrived at the Salt Lake City Airport. Here, the Mapei products used were the KERALASTIC SYSTEM, ULTRACOLOR, ECO 420, ECO 710, ULTRABOND G19, ULTRABOND G21, ECO 350 PLANIPATCH.





Photo 5. The judges' tower located at the 120m ski jump, where athletes launch themselves into midair, was carpeted using Mapei's ECO 185, PLANIPATCH and ECO 350.

Photo 6. In the Rice Eccles Stadium, both commencing and ending ceremonies took place. Here, Mapei ULTRABOND G19 was used to install the Astroturf covering the entire stadium field.

Photo 7. The ice hockey events took place at the E Center where tile was installed with Mapei TYPE 1 MASTIC and KER 200.

Photo 8. For the ceramic installation at the Delta Center, Mapei ULTRA FLEX 2, KER 200 and ULTRACOLOR were the products of choice.

Mapei products were used also in the restoration of the Heber Valley Railroad Station. In total, over 800,000 square feet of tile and stone and another 55,000 square feet of carpet, rubber and vinyl flooring were installed with Mapei products in athletic venues, plazas and other public centers throughout the Olympic city. They exist in the speed skating oval, the judges tower, the race track, the ice arena and the Rice Eccles Stadium. ULTRA BOND G19, a universal two-component polyurethane adhesive, was chosen for the rubber flooring and Astroturf found in the sport venues. The ecologically-friendly adhesives ECO 300 and ECO 185 were the carpet adhesives for nearly 10,000 square yards of installation. ULTRACONTACT and GRANIRAPID were chosen and used for the sporting venues, whereas KERAPOXY and ULTRACOLOR, high quality grouts, were used in almost all the applications. In venues such as the Oquirrh Park Olympic Speed Skating Oval, considered the fastest skating oval in the world, and in the Rice Eccles Stadium, which hosted the opening and closing ceremonies, the rubber and Astroturf flooring were installed with ULTRABOND G19, a universal polyurethane two-component adhesive. ECO 300 and ECO 185, two adhesives from Mapei's ECO line that are solvent free and have low VOC contents, were



implemented for the installation of over 10,000 square yards of carpeting in various buildings, one of which was the judge's tower at the Olympic Ski Jump. The success of the projects can be measured through the responses of those who actually used them. Warren Lyngle, of Lyngle Brothers Industries, oversaw the Oquirrh Park Speed Skating Oval where 46,000 square feet of Mondo flooring were installed. This venue holds one of the world's finest and fastest skating ovals in the world. "The installation was wonderful," states Lyngle, "we've used Mapei for years and there have been zero failures each time." Matt Dalton, of Design Team Inc., who inspected the installation at the





Photograph from Sportweek n. 99/02



Photo 9. Thousands of square feet of rubber flooring were installed at the Oquirrh Park Speed Skating Oval, which is considered the fastest skating oval of its kind in the world. There, the Mapei products used were TYPE 1 MASTIC, KER 800, PLANIPATCH, ECO 350, ECO 575, ECO 300 and ULTRABOND G19.

Photo 10. Utah is the Mormon capital of the world. Mapei products KERABOND and KERAPLY were also chosen for the installation of the Latter-day Saints Church Assembly hall.

Photo 11. The Snow Basin was a departure point for the skiing events. The construction of the bathrooms and locker rooms of this location also include Mapei ULTRAFLEX 2, TYPE 1 MASTIC and ULTRACOLOR.

Judges Tower for the 120 Meter Ski Jump, agrees: "We've never had a bad Mapei installation. We used Mapei's ECO 185 because its has a proven track record with us, it is ecological, and we've never received a complaint."

Mark Knaphus, of Caffall Tile & Marble was involved in many of the venues for the Winter Games, including the Little America Grande Hotel, The Gateway Retail Center and the Historic Heber Valley Railroad Train Station, among many others. Each installation was a success and not once did Knaphus find a



problem with the Mapei products. "We've had very good success with the service from Mapei. Our questions get answered, the products are available, and they always have the right product for the application. Most importantly, they guarantee their products," confirms Knaphus.

It is not the first time that Mapei has used its products for important projects such as these. For instance, in the 2000 Olympic games in Sydney, Mapei contributed to the realization of famous projects recognized world-wide.

"Everyone is excited about being part of the creation of these venues," explains Bart Wilde, Mapei technical representative. "Being part of history like this really excited everyone involved, and its wonderful that Mapei was given the honor of being part of such an important event."





2002 Olympic Winter Games

The 2002 Olympic Winter Games were held from February 7 to 25 in Salt Lake City, Utah, USA.

Some numbers:

3,400 "Olympic family" members and official invitees

2500 athletes

72 participating nations

19,500 volunteers

174,000 attending journalists

3 billion television spectators

16,000 security officials

310 million dollars spent for security

17 building constructed or renovated

12 buildings where Mapei was used

89,000 square meters of tile and 6,150 square meters of resilient flooring installed with Mapei products

The use of Mapei products was made possible thanks to the coordination of Bart Wilde, Mapei technical sales representative.



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**These products are realized and distributed only on the American market by Mapei Corp.(USA). For more information, please visit the web site "www.mapei.com".*



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Photograph from Sportweek n. 99/02



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