

Ice Skating Rink & Zambonis

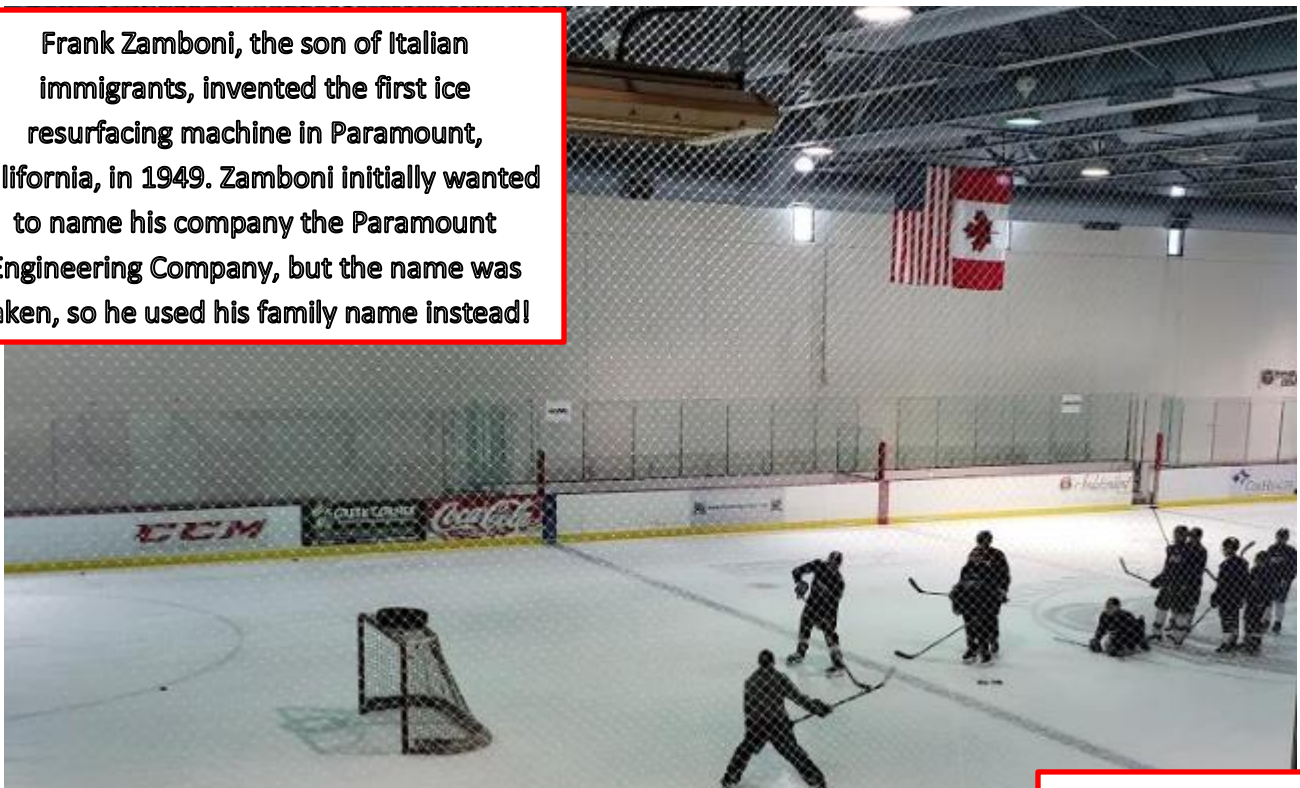
Customer: Jordan Valley Ice Park Springfield, Mo

Category: Commercial

Application: Water that Fills Ice Rinks and Zambonis



Frank Zamboni, the son of Italian immigrants, invented the first ice resurfacing machine in Paramount, California, in 1949. Zamboni initially wanted to name his company the Paramount Engineering Company, but the name was taken, so he used his family name instead!

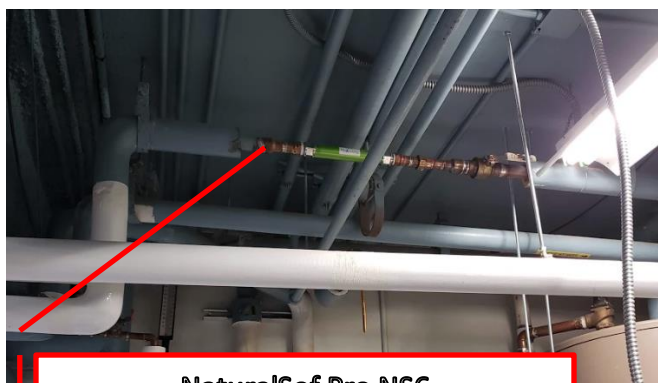


Rinks use 10,000 Gallons of Water Per One Inch of Ice

The Challenge:

Jordan Valley Ice Park is in downtown Springfield and features two indoor NHL-size ice rinks for public skating, figure skating and hockey. Originally NaturalSof was contacted to see if water treatment would help to keep the ice maintaining equipment known as Zambonis cleaner. They were experiencing heavy calcium scale build up on them from the hard water in the area.

The Solution: NaturalSof NS6 Catalytic units were installed in the feed line that serves the Ice Rinks and the Zambonis:



NaturalSof Pro NS6



NaturalSof Pro NS6

Results:

Excellent results! The two ice rinks each use about 10,000 gallons per 1" of ice made. In the college rink they have had to historically use 1 ½" of finished ice and 2" in the other rink. As an added benefit, the calcium conversion to Aragonite from conditioning has made the ice "stronger" in a way. Since the NaturalSof installation on the college side they have been able to reduce the thickness of the finished ice by ½" for a savings of 5,000 gallons of water.

The rink is saving \$1,000 per month in utility cost due to using ½" less ice. As for the Zambonis the first picture is when they began using the NaturalSof units and the second is after 4 months of use. They have not used any chemicals to clean the Zambonis. All the scale is gone due to the de-scaling effect of NaturalSof treated water.



Conclusion: Very Successful Application! NaturalSof is now helping more Ice Rinks save Money and Water!