

Mosaic Stadium, Regina: Home to the Roughriders and IPEX



Artist rendering of the
Mosaic Stadium in
Saskatchewan

Regina eagerly awaits the June 2017 opening game of the Saskatchewan Roughriders in their new home, the Mosaic Stadium at Taylor Field. The stadium's unique construction will offer the perfect venue for the football-loving fans of Saskatchewan. The stadium offers twice the square footage as the current stadium, 33,000 larger seats, 9 elevators, a doubling of accessible areas and more vendor locations. With over half of the stadium built below grade, 66 percent of the fans will enter the building and walk down to their seats.

PCL was awarded the contract and Modern Niagara took on the mechanical portion of the contract. From the beginning the owner was interested in the use of thermoplastic piping systems for drain, waste, and ventilation (DWV), potable water and chilled water lines, but research needed to be done. After looking at

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price and installation-time comparisons with copper and steel pipe, the most cost-effective choice with the quickest install time was thermoplastic pipe.

Jessey Noble, Saskatchewan Mechanical Sales Representative, explains, “Modern Niagara had prior experience with IPEX System 15® and System XFR® DWV, but had never used our Xirtec® PVC for chiller water lines or AquaRise® for domestic potable water. We helped them



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The new Mosaic Stadium is currently under construction with an expected completion date of September 2016

with the design and calculations for expansion and contraction, and we had a discussion about solvent welding with everyone – just an overview to remind everyone of the process. Even in the early days, before they decided to move forward with thermoplastics, it was a question of service and support and what we would offer them as they installed the product. It was important to me, as this is a landmark project in our backyard, that everything went smoothly and that the system was put together properly. We want to see it as a successful project as well. It's really important to us."

Jason Crosbie, Saskatchewan Piping Superintendent, Modern Niagara, adds, "We had used IPEX PVC drainage systems before, but using Xirtec for pressure systems was new. Jessey has been a key player in the project. If our guys have questions, they just have to call to get an answer. Xirtec is working well and we would use it next time."

The primary water line to the site was constructed using another IPEX product, 350mm DR18 Fusible Brute™ PVC Pipe. This water line connected the stadium to water for drinking water, toilets, fire protection, etc. The line ran 270 meters from the stadium to 9th and Elphinstone Street. To avoid digging a trench through the existing roadway and underground infrastructure to accommodate the length of the pipe, a 450mm hole was cored and the entire 270 meters of pipe were pulled into place, saving time and money.

Thermoplastics are light-weight, easy-to-install products that are fundamentally ageless. Correctly installed, IPEX piping systems provide years of maintenance free service.

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