

IPEX Plumbing & Mechanical Systems - Project Profiles

System XFR® Replaces Cast Iron at the Toronto Pearson Airport



Leaking pipes are no joke at any time but when the leaks might force the shutdown of portions of a large international airport, replacement pipe needs to be installed fast and the fix has to be long-lasting.

Cast iron pipe was used for drainage piping inside both Terminals 1 and 3 of Toronto Pearson

International Airport. Recently the plumbing infrastructure has seen a rise in the number of failures involving cast iron pipes. Many of the failures were from pipe that had been in service for only the last 12 to 14 years.

The airport needed to find a suitable alternative to cast iron, one that would not corrode and could stand up to the rigors of the airport and the heavily used drainage infrastructure. System XFR PVC DWV from IPEX was the ideal choice because it not only met the building code requirements for flame and smoke resistance, it was light weight, easy to handle and provided superior flow characteristics.

IPEX Thermoplastic Systems Chosen for New CFL Stadium



The new Mosaic Stadium in Regina is a landmark \$278.2 million project for the province of Saskatchewan. From the very beginning the facilities owner was interested in the use of thermoplastic piping systems for drain, waste and venting, domestic potable water, and chilled water lines.

After a full submittal process in which IPEX worked closely with contractor and wholesale partners, the complete system of IPEX products was selected as the most cost effective solution which offered the best system longevity. IPEX products used on the project will include System 15 and System XFR PVC DWV, Xirtec PVC for chilled water lines and AquaRise CPVC for domestic potable water.

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

IPEX Drain-Guard provides much needed protection on two very different projects



What do the Brookhaven, New York landfill site and the Rемаi Modern Art Gallery in Saskatoon, Saskatchewan have in common? They both rely on IPEX PVC Drain-Guard for high performance double contained drainage in extremely sensitive areas.

To minimize the Brookhaven landfill's harmful environmental impacts, the 540-acre site employs several safeguards to contain and control the 20 million gallons of leachate it generates each year. The existing below grade HDPE piping for the leachate system needed to

be replaced and engineers opted for an above grade double contained system in order to improve flow and accessibility. Drain-Guard was selected over HDPE and fiberglass systems and has proven to be so successful that it is already being specified for a second leachate system.

In Saskatoon, the new \$100 million Rемаi Modern Art Gallery faced a unique challenge; how to install a storm water drainage system inside the gallery that would protect its valuable art collection. IPEX worked closely with engineers, art gallery staff and the art gallery's insurance provider to explain the features and benefits of the Drain-Guard double contained piping system. Drain-Guard was chosen as the most reliable solution because should a leak occur, people, equipment and valuable property will be protected from possible harm.