

System XFR® PVC DWV



IPEX

by aliaxis

THE PVC DRAINAGE SOLUTION ENGINEERED
FOR HIGH BUILDINGS AND PLENUMS.



SYSTEM XFR® DWV

Drainage Systems for Noncombustible Buildings

Reliable. Compliant. Made in Canada.

LIGHTWEIGHT AND FASTER TO INSTALL

System XFR is easier to handle, cut, and install than cast iron, which speeds up installations and reduces fatigue, especially in overhead or cold weather conditions.

TEST MULTIPLE FLOORS AT ONCE

Solvent-welded joints allow for simultaneous testing across multiple floors.

CODE COMPLIANT

System XFR is ULC-S102.2 listed and is suitable for use in high buildings and plenums.

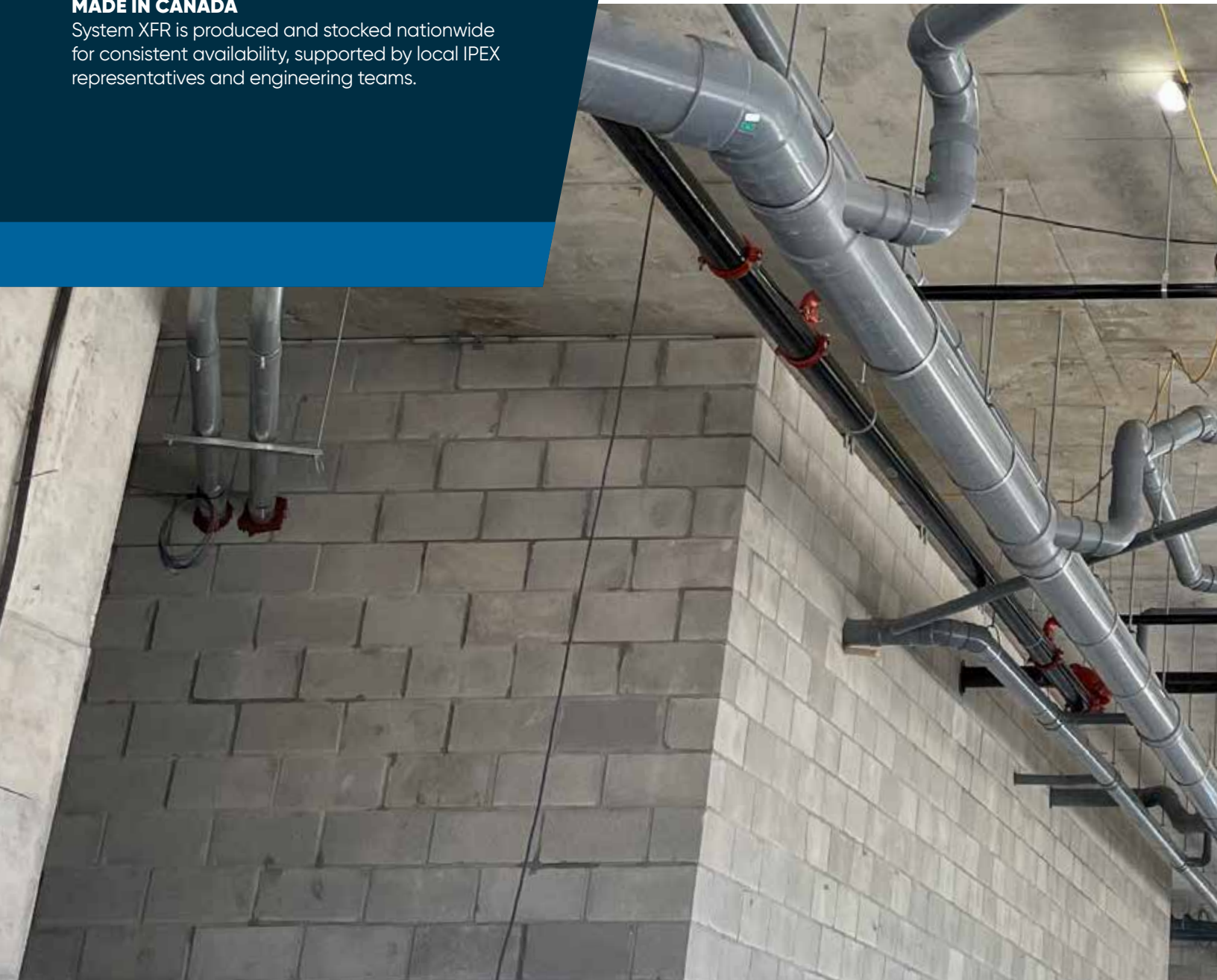
MADE IN CANADA

System XFR is produced and stocked nationwide for consistent availability, supported by local IPEX representatives and engineering teams.

Where can you install System XFR?

System XFR is used in High Buildings, including:

- Vertical stacks
- Horizontal laterals and branches
- Parking garages
- Air plenums
- Storm and rainwater leaders
- Residential, Commercial and Institutional spaces



The First PVC DWV System Built for High Buildings and Plenums

System XFR by IPEX is the first PVC DWV system certified for use in high-rise buildings and air plenums. Made in Canada, it delivers long-lasting, reliable performance for all sanitary and storm applications in non-combustible buildings.

Tested in accordance with ULC-S102.2 with a flame spread rating of less than 25 and smoke development classification of less than 50 and is available in sizes from 1½" to 18".

For reliable, code-compliant DWV piping in High Buildings or Plenums, System XFR delivers.



The One System That Stacks Up.



HIGH-RISE RESIDENTIAL, COMMERCIAL AND INSTITUTIONAL

From luxury condominiums to hospitals, System XFR is the preferred DWV system for high-rise construction. It provides dependable performance in environments where reliability and compliance are essential.



VERTICAL STACKS

Complete line of stack fittings to optimize vertical installations, supporting faster installs and easier alignment in high-rise construction.



PARKING GARAGES

System XFR can reduce the need for insulation, simplify maintenance and resist corrosion in moisture-heavy parkade environments.



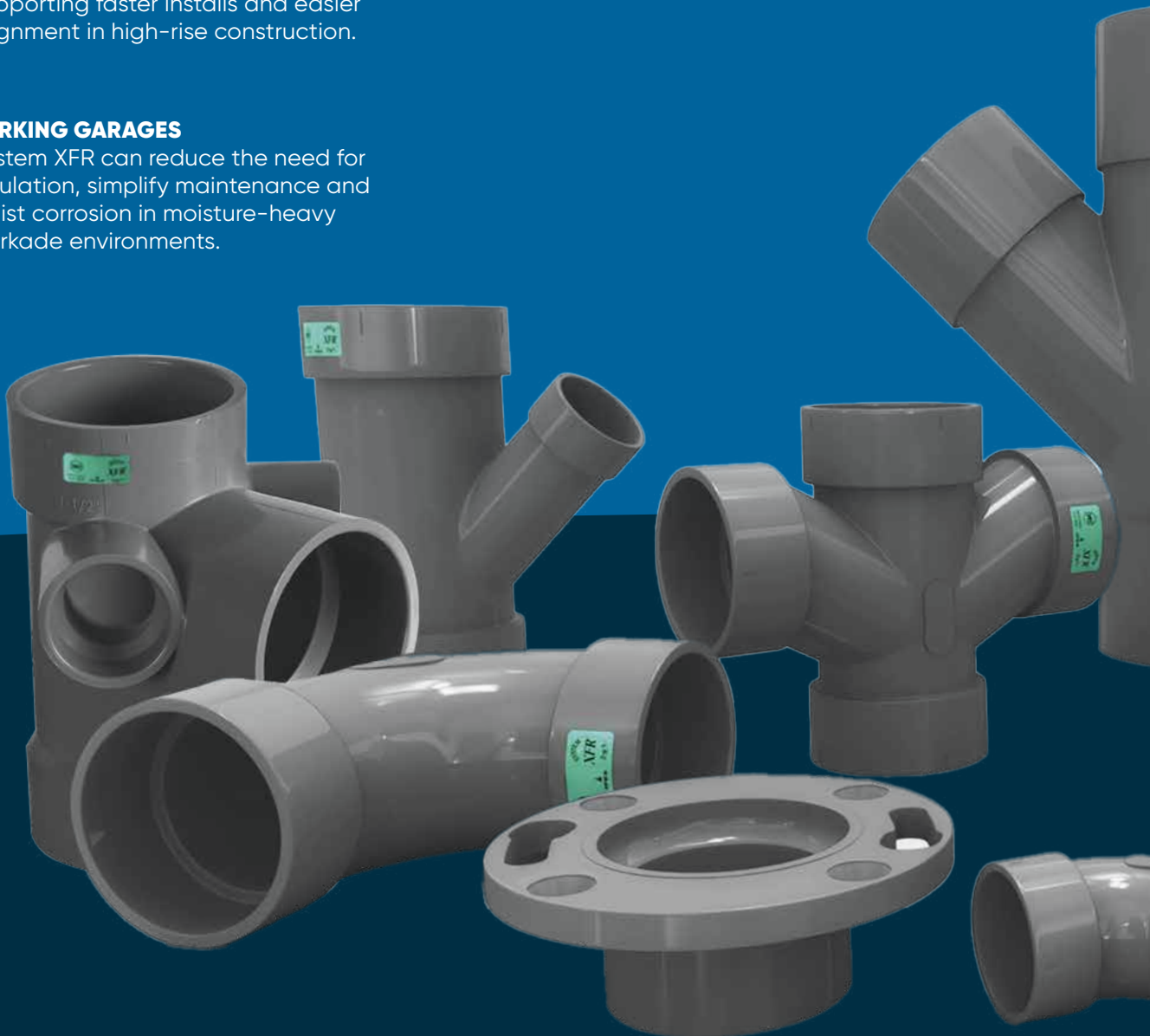
PLENUMS

System XFR complies with NBC Article 3.6.4.3 requirements, making it a safe and approved choice for installations in return air plenums and other concealed spaces.



RAINWATER & STORMWATER LEADERS

Because its smooth interior allows pipe walls to handle higher hydraulic loads than traditional materials, System XFR is well-suited for storm and rainwater drainage, even in high-demand vertical systems.





FOR CONTRACTORS

EASY FIRESTOP OPTIONS

System XFR provides a variety of economical firestop options for common applications, allowing you to select the most efficient method for your project.

FASTER INSTALLS = LOWER LABOUR COSTS

System XFR is lighter than cast iron and easy to cut with standard tools, which reduces fatigue and speeds up the job. Solvent welding also simplifies the jointing process.

FLEXIBLE INSTALL OPTIONS

For larger diameters, you can choose between solvent weld or MJ Grey mechanical couplings for your connections. MJ Grey is also available for pipe-to-pipe connections in smaller diameters.

DURABLE AND JOBSITE-PROVEN

System XFR offers high impact resistance and flexibility, which means fewer breaks and fewer delays.

SUPPORT WHEN YOU NEED IT

IPEX provides responsive support through in-field reps and helpful resources to answer installation and firestopping questions.

FOR ENGINEERS

PERFORMANCE YOU CAN SPECIFY WITH CONFIDENCE

System XFR is engineered for compliance and designed with features that help optimize system layouts and simplify approvals. With years of field use and proven case studies, System XFR is a trusted alternative to cast iron in high-rise residential, commercial and institutional projects.

DESIGNED FOR HIGH-RISE BUILDINGS

System XFR meets the requirements of NBC 3.2.6 and 3.6.4.3, making it fully compliant for high buildings, plenums and noncombustible construction.

SPECIFICATION RESOURCES

We offer 3-part specifications, a library of BIM files, 2D drawings and easy firestop listings to help streamline the specification and approval process.

SUPERIOR FLOW PERFORMANCE

The smooth interior walls of System XFR enhance flow rates and accommodate higher hydraulic loads, resulting in a more innovative and efficient system design.

UNMATCHED HYDROSTATIC PERFORMANCE

Whether pumping storm-water from deep underground parking levels to street elevation or managing sudden surge conditions during heavy rainfall, System XFR stands up to the challenge. Its robust solvent-welded joints are rigorously tested to withstand intermittent pressures of up to 50 psi, providing confidence and peace of mind in even the most extreme condition.



FOR DEVELOPERS

LONG-TERM VALUE FOR RENTAL AND OWNERSHIP PROJECTS

Whether you build to own or lease, System XFR helps reduce maintenance and extend system lifespan for better ROI.

LOWER LIFECYCLE COSTS

PVC doesn't rust, corrode, or require relining like metal systems. That means fewer repair calls fewer, lower maintenance, long-term cost savings and happier tenants.

DESIGNED FOR HIGH-RISE BUILDINGS

System XFR is specifically designed for high-rise construction, including parkades and plenum spaces, and it is trusted by builders and owners across Canada.

THE RIGHT CHOICE FOR RENTALS

With its low maintenance and proven durability, System XFR is ideal for long-term ownership models such as purpose-built rentals.





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We offer one of the world's most comprehensive product lines of manufacturing systems for municipal, industrial, commercial and residential applications. With state-of-the-art facilities and distribution centers across North America, IPEX is recognized for product innovation, quality, end-user focus and performance.

Markets we serve:

- **Municipal water and wastewater systems**
- **Plumbing and mechanical piping systems**
- **Fire protection systems**
- **Industrial process piping**
- **Electrical and communications systems**
- **Gas distribution systems**
- **Irrigation systems**

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A policy of ongoing product improvement is maintained. This may result in modifications of features and/or specifications without notice.

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