

# ABOUT BIBBY-STE-CROIX

Founded in 1921, Bibby-Ste-Croix manufactures in Sainte Croix, Quebec, while employing over 400 people.

Bibby-Ste-Croix is a full-service organization that specializes in servicing mechanical contractors, engineers, facilities managers and building owners about standards and issues that pertain to cast iron soil pipe, fittings and couplings for storm and sanitary drain, waste and vent (DWV) plumbing systems.

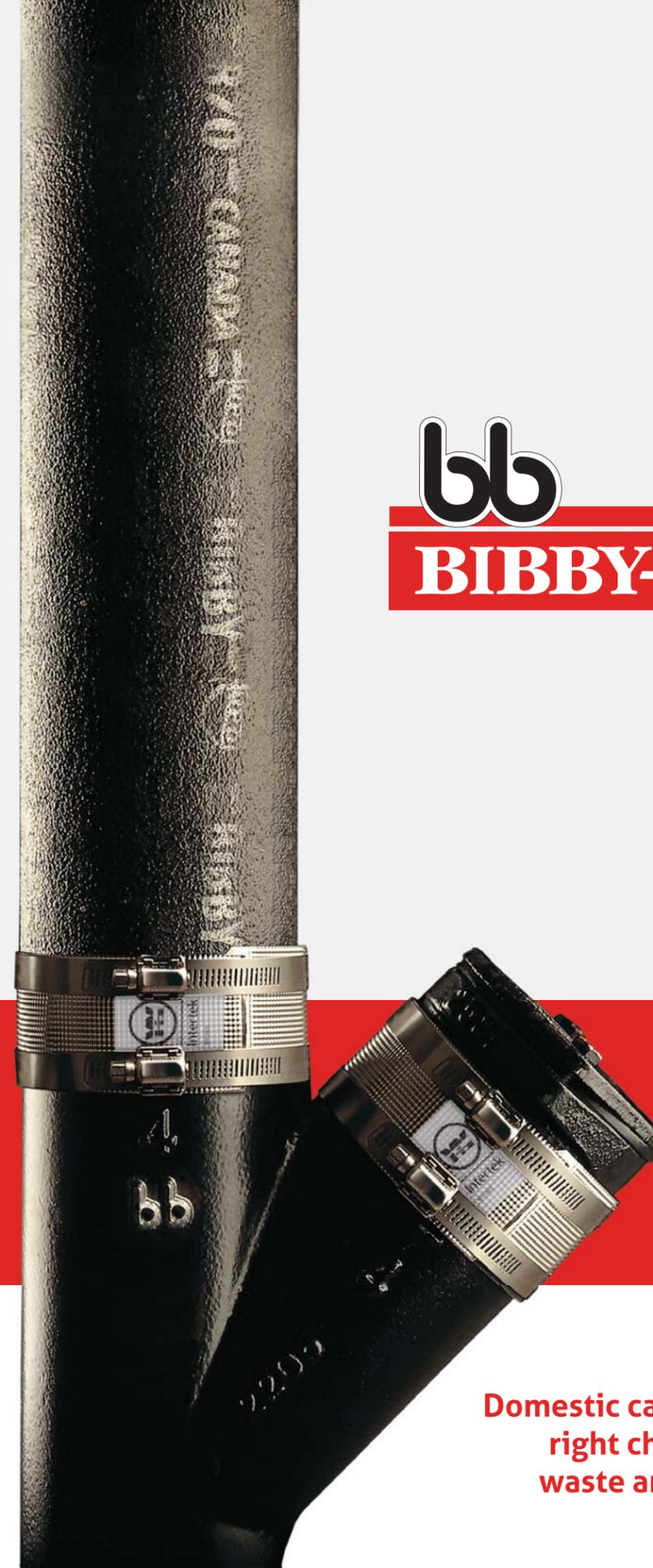
Bibby-Ste-Croix takes commitment to the environment seriously. Our approach to environmental and safety issues starts with a clear vision from our leaders, supported by strong policies that place the environment and safety at the core of the business and through a substantial investment in state-of-the-art environmental technologies and modern infrastructure.

Today there is overwhelming pressure to try to reduce building-related construction costs that ultimately cheapen a building by devaluing the overall structure. While there may be some initial material cost savings, it usually comes at a price somewhere else down the line.

The storm and sanitary drain, waste and vent (DWV) plumbing system is an integral part of the building, making it very costly to repair mistakes or replace sub-par alternative products. Building owners, facilities managers, contractors and engineers need to demand the best products with the best performance. That's why cast iron soil pipe and fittings are the right choice for your storm and sanitary system.



**BIBBY-STE-CROIX**



**CAST IRON DWV SYSTEM  
THE RIGHT CHOICE**

**Domestic cast iron soil pipe and fittings—the right choice for storm and sanitary drain, waste and vent (DWV) plumbing systems.**

# Choose Domestic Cast Iron for Your DWV Plumbing System

Domestic cast iron soil pipe and fittings have been used safely and reliably in residential and commercial buildings behind walls and under foot for generations. Domestic cast iron has been

manufactured here in Canada for nearly a century. It is reliable and durable—and there are many reasons for choosing a domestic cast iron piping system.

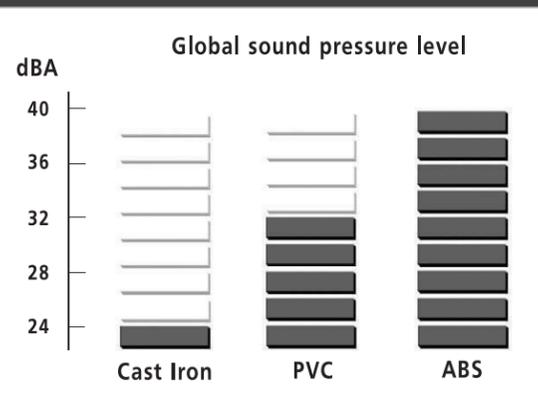


## Excellent Sound Performance

Cast iron offers excellent sound performance. Studies show that a cast iron DWV system is more efficient in reducing plumbing related noise compared to noisy plastic PVC and ABS piping. This makes a cast iron system the best choice for high-rise buildings, hotels, schools, hospitals and condominiums.

Cast iron systems are quiet and are often referred to as the quiet pipe. In fact, a study found cast iron to be 10 times quieter than a plastic piping system.

By virtue of its natural density and the use of couplings, cast iron pipe and fittings shield the transmission of sound. Sound deadening is built in unlike plastic piping often requiring wrapping of the pipes to reduce plumbing noises.



## Non-Combustible Characteristics

Cast iron soil pipe is non-combustible.

Cast iron soil pipe requires simple caulking or mortar unlike plastic that requires complex fire-stop systems to protect through penetrations.

Fire stopping PVC tends to inflate the total installed cost of the system and this hidden cost is due mainly to the complexity and labour intensive requirements for fire stopping PVC.

An intumescent fire-stopping system for PVC is significantly more expensive than the simple and low-cost measures required for cast iron.

Intumescent materials are generally used to fire-stop plastic pipe through penetrations, commonly used in “fire-stop collars,” but the unknown lifespan of the intumescent material is concerning.

PVC when heated or burned in a fire will release toxic chemicals into the air which may overcome anyone that comes into contact with these gases.



## Green Attributes

Domestically manufactured cast iron soil pipe has been confirmed and documented to contain at least 95.81% recycled content.

Cast iron soil pipe can be recovered and recycled again and again, keeping it out of landfills.

A cast iron system uses No-Hub couplings therefore it does not rely on Volatile Organic Compound (VOC) laced solvents for a joining method.

No respirators are need for installation as recommended for plastic piping.

Bibby-Ste-Croix believes in being good stewards to the environment and shares the concerns about the legacy they pass on to future generations.



## Ease of Installation

The use of No-Hub couplings make it simple to install and to modify or alter if needed.

Cast iron is durable and reliable—non-corrosive and non-combustible with excellent crush and deflection resistance in underground applications.

Cast iron requires fewer supports for hanging where a plastic system may require additional hangers and other materials which may increase labour and material costs.

Cast iron soil pipe does not require extensive and special trenching and backfill procedures unlike plastic piping systems.

## Domestic Cast Iron—Reclaimed, Recycled, Responsible

With all of the benefits listed above and the knowledge of the potential pitfalls and issues by choosing an alternative system, why would you accept anything but the highest-quality product with the greatest benefits as the backbone of your plumbing system? Domestic Cast Iron. Remember, unlike fixtures and other items that can be easily changed, you only get one chance to do it right. Stick with the proven and preferred material this country was built on—domestic cast iron soil pipe and fittings.

Cast iron soil pipe and fittings have been used for hundreds of years around the world. The reason cast iron has survived the test of time is because it is highly reliable and durable often outlasting the lifetime of the building. A cast iron storm and sanitary drain, waste and vent (DWV) plumbing system also has significant qualities making it the ideal choice for schools, hospitals, high-rise buildings, hotels and commercial construction.