

CHARLOTTE

PIPE AND FOUNDRY COMPANY

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Charlotte Pipe's ReUze Answers the Need for Indoor Non-Potable Water Piping System

CHARLOTTE, NC – June 24, 2009 – ReUze, a new CPVC water piping system from Charlotte Pipe and Foundry Company, gives engineers and others in the green/sustainability industry a practical, easy-to-install system for non-potable water uses inside of commercial and residential buildings.

Engineers and architects motivated to design projects utilizing non-potable water for indoor use was a major factor in Charlotte Pipe creating this product. The use of non-potable water can contribute up to 10 LEED points on a project, an astounding 25% of the points needed to achieve a LEED certified building. Available points are even higher if any of these credits are deemed a regional priority by the USGBC regional council or chapter.

ReUze is manufactured using a new purple CPVC compound (purple is the universally accepted color for non-potable water systems). It is marked with two lines of type clearly identifying the contents as “WARNING: NON-POTABLE WATER DO NOT DRINK”. The type is 180° apart so that no matter what angle you view the piping system there can be no mistake that the pipe is carrying non-potable water. This is extremely important in ensuring that water lines fit for human consumption are not crossed with non-potable water lines.

ReUze will be listed with NSF International and bear the mark “NSF-rw”. It meets all of the same requirements as our FlowGuard Gold CTS CPVC domestic water piping systems (NSF 14 listing, pressure/temperature handling capability and superior flame and smoke characteristics).

In addition:

- The CPVC piping system is already listed as being suitable for potable water in the majority of the nation's plumbing codes.
- It meets a 25/50 flame spread and smoke developed rating per ASTM E 84 test protocol so that the system can be installed in an unducted return air plenum.
- It has an easy, reliable and proven installation method.
- Engineers no longer have to use copper pipe painted purple, reducing costs and the chance that water lines may be confused.

ReUze will be available in CTS sizes ½”, ¾”, 1”, 1½” and 2” sizes in 20 foot lengths. It will be installed using currently available low VOC FlowGuard Gold® single step solvent cements and existing CTS fittings, including the well-respected Charlotte Pipe transition fittings featuring integral brass threads. It will carry the same 400 psi @ 73°F pressure rating as our domestic water piping system.

Suggested short form specifications for this new system are available for engineers as a Word document now at www.charlottepipe.com. Simply click on “For Engineers” and then “Specs and Submittals”.

Charlotte Pipe and Foundry is the only manufacturer that offers a *system* of ABS, PVC, CPVC, cast iron, FlowGuard Gold®, and ChemDrain® pipe and fittings for residential and commercial plumbing systems and industrial applications. The nation's leading maker of cast iron and plastic pipe and fittings, Charlotte Pipe and Foundry offers the industry's broadest product offering of standard and specialty DWV products.

Charlotte Pipe and Foundry is headquartered in Charlotte, NC, and has seven plant locations across the United States. Combining modern technology with a century of craftsmanship and experience, Charlotte Pipe and Foundry has a proud legacy of commitment to the industry and its customers. The company is guided by the philosophy of its founder - produce the best product possible and provide the best service for the customer.

For more information, contact Charlotte Pipe and Foundry at 800-438-6091.

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