



INFORMATION SHEET

NO. P-01

DATE : March 28, 2016
SUBJECT : Plumbing
TITLE : **Alternate Water Systems**

PURPOSE : The purpose of this Information Sheet is to document conditions of acceptance and approval of an Alternate Material and Methods of Construction Equivalency.

REFERENCES : 2013 San Francisco Plumbing Code, Sections 301.1.3, 301.2, 601.2.2.1, and 1602.12

DISCUSSION : **Uponor PEX-a Purple Pipe for Alternate Water Systems**

Existing Pipe Stock

½" to 1" – Existing Uponor PEX-a Purple Pipe has been previously approved and installed in San Francisco without any code restrictions or additional marking requirements, it will continue to be accepted as such.

1¼" to 2" – Uponor PEX-a Purple Pipe will include continuous purple coloring integral to the pipe and the print stream will be repeated every five feet. The Uponor Purple Pipe must be continuous purple in color throughout its entirety. If portions of the piping system are not purple, they must be wrapped purple and marked appropriately to maintain the color integrity per the City and County of San Francisco's Plumbing Code for alternate water piping systems.

The City and County of San Francisco, will accept and approve the current Uponor PEX-a Purple Pipe that has already been produced and is in the market. This product is as follows:

- 1.25" Uponor PEX-a Purple Pipe with .50" print stream – Current Product Available
- 1.50" Uponor PEX-a Purple Pipe with .20" print stream – Current Product Available
- 2.00" Uponor PEX-a Purple Pipe with .20" print stream – Current Product Available

Proposed New Pipe Stock

The City and County of San Francisco, will accept and approve the new Uponor PEX-a Purple Pipe that will be produced in 2016. This product will be standardized for 1¼” – 2” sized pipe. The print stream will be standardized at .20” as this print stream is both darker and bolder and will be easier to identify.

- The text will read as follows: UPONOR AquaPEX-Reclaimed Water ® PEX5006 1-1/2 IN SDR9/
 *UB04150206 **CAUTION: NONPOTABLE WATER-DO NOT DRINK / EAU NON-
 POTABLE-NE PAS BOIRE** (NSF®-rw F876/F877) CSA B137.5/B128.1/AWWA C904 cQAlus P321
 FS25/SD50 ASTM E84/ULC S102.2 160PSI 73.4°F/ 100PSI 180°F/ 80PSI 200°F UPONOR-PEX-a TUBING *
 UB04150206 **xxxxx

If the installing contractor is using the Uponor PEX-a Purple Pipe and the color is continuous, the installing contractor will be required to place one of the Uponor provided marking labels every five feet on the non-marked backside of the pipe in a shared or interior wall that can be accessed from both sides. If the Uponor PEX-a Purple Pipe is installed over-head or in an exterior wall and the writing is visible and facing the serviceable side, the Uponor provided marking labels do not need to be applied to the backside of the pipe.

If the installing contractor is using a mix of Uponor PEX-a Purple Pipe and regular Uponor AquaPEX, resulting in a non-continuous purple color (identification), the installing contractor must wrap and appropriately mark the piping to maintain the color integrity. This will need to be done following the City and County of San Francisco’s Plumbing Code for alternate water piping systems.

OTHER CONDITIONS:

Other conditions will be evaluated on a case-by-case basis by the Supervisor or Manager. Pre-application meeting or approval of AB-005 is required.

Tom C. Hui

Tom C. Hui, S.E., C.B.O.
Director
Department of Building Inspection

3/28/16

Date

[Signature] *3/24/16*

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