



Uponor

PLUMBING SYSTEMS
TIME AND MATERIALS

COMPARISON SHEET

School Plumbing Installs Uponor PEX is Most Cost-effective

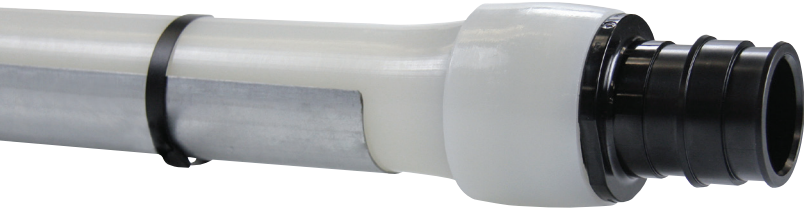
With fierce competition to build structures as economically, efficiently and sustainably as possible, being price competitive is an ever increasing challenge for contractors.

But, material costs are only one part of the puzzle. Professionals need to consider labor times as well when bidding a job. And while many piping materials offered today claim to be less expensive than others, the true cost comes out when labor times for installation are factored in.

A recent case study examined a project's overall plumbing piping cost, including labor and materials. The project in the case study was an 88,300-square-foot, three-story high school building. The main trunk piping was routed in the ground-floor ceiling space and was distributed up to the remaining two floors via risers.

The study compared project costs for the following five systems:

- PEX Trunk and Branch
- CPVC Trunk and Branch
- Copper Press Trunk and Branch
- Copper Sweat Trunk and Branch
- Polypropylene (PP-r) Trunk and Branch



Once labor was factored into each project, it can be seen that the PEX Logic system came in at the lowest total cost.

Building Section	Total Cost with Building Sections (USD) ¹				
	PEX	CPVC	Copper Press	Copper Sweat	PP-r
Main Floor	\$9,780.16	\$5,431.72	\$14,994.86	\$8,894.46	\$11,040.57
Units	\$5,884.99	\$5,502.95	\$13,655.10	\$7,755.19	\$11,282.81
Risers	\$2,442.05	\$1,920.44	\$4,351.69	\$2,426.77	\$5,596.59
Total Material Cost	\$18,107.20	\$12,855.11	\$33,001.65	\$19,076.42	\$27,919.97
Labor Cost at \$75/hr.	\$30,890.25	\$41,648.25	\$34,591.50	\$60,088.50	\$83,203.50
Total Project Cost	\$48,997.45	\$54,503.36	\$67,593.15	\$79,164.92	\$111,123.47

¹ To read the complete case study, visit www.uponorpro.com. Labor times estimated using MCAA Component Method. Project quoted materials sized up to 2".

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