



Uponor

SUSTAINABILITY  
SOLUTIONS

Sustainability:  
It's just another word  
for thinking ahead

## Our commitment:

While sustainability has become a popular topic for corporations to talk about, we don't see it as a trend. We see it as a core business practice. Our commitment to sustainable building includes the ongoing development of new materials, and methods that reduce negative environmental impact:

- Systems that use less energy, reduce resource demand and perform reliably for years
- Intelligent installation plans that ensure efficient material use and minimize construction waste
- Product designs that incorporate environmentally responsible materials and avoid potential contaminants
- Efficient product transportation and delivery systems that reduce fossil fuel consumption
- Manufacturing processes that conserve energy, minimize waste and convert raw material waste through recycling or energy use



# Environmentally responsible solutions

## PEX-a Plumbing Systems

- Life Cycle Analysis (LCA) is favorable in comparison to copper
- Expedites hot water delivery and reduces water waste
- Less stand-by water within the tubing than copper systems which reduces energy waste
- Walls of the tubing provide better insulation than copper
- Tubing does not affect the water quality
- No torches, glues or solvents required
- Durable tubing proven by over three decades of intense testing
- More freeze resistant than copper or CPVC
- Reduces noise by eliminating the water hammer effect

## Radiant Heating and Cooling Systems

- Less energy required to achieve better thermal comfort at a lower thermostat setting
- Water has 3,500 times the energy transport capacity of air
- Adaptable to various energy efficient heat sources
- Aides (IEQ) Indoor Environmental Quality
- Eliminates noise because it is not a fan based system
- Durable tubing proven by over three decades of intense testing
- Reduces building materials required for concealing ductwork and compensating ceiling heights
- Provides more usable area which allows for smaller spaces without sacrificing livability

## Fire Safety Systems

- Safeguards lives
- Protects structures from fire damage
- Conserves water
- Eliminates the ground contamination that occurs when fire fighters use hundreds of gallons of water to extinguish a fire resulting in hazardous run-off
- Less air-pollution
- Saves infrastructure materials by allowing for higher density construction
- Life Cycle Analysis (LCA) of PEX is favorable in comparison to copper
- Durable tubing proven by over three decades of intense testing
- No torches, glues or solvents required

Uponor Systems provide innovative solutions to assist you in achieving your goals with a number of the popular green building standards, guidelines and rating scales.



## Sustainable Resources

Our commitment to sustainable building includes the ongoing development of new materials and methods that reduce negative environmental impact. We sell systems that conserve water and use less energy. We're creating technologies that use cleaner installation methods. Look to Uponor for greater efficiencies and smaller demands on the Earth's resources.



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