



Modern Masonry + Resilience

When safety and durability are critical, masonry is the material of choice.

No other building material can offer the same durability and survivability as masonry. More cost effective than steel and a mere 4% premium over wood, modern masonry proves there's no excuse for specifying to code minimums.



VS



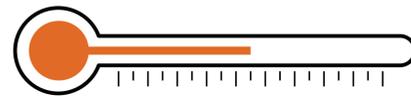
Masonry

Wood



1,000°F

Masonry can withstand temperatures up to 1,000°F



500°F

Wood can withstand temperatures up to 500°F



93%

Concrete keeps fires contained to the room of origin 93% of the time



47%

Heavy timber keeps fires contained to the room of origin 47% of the time



4 Hours

Masonry can withstand direct exposure to fire for up to 4 hours



1 Hour

Wood can withstand direct exposure to fire for up to 1 hour

COST COMPARISON

Building System	Cost	Cost/Sq Ft	Relative Cost
Conventional Wood Framing	\$19,720,484	\$204.15	100
Light Gauge Steel Framing	\$20,961,008	\$216.99	106
Masonry & Precast	\$20,472,686	\$211.93	104

Echelon: modern masonry solutions you can trust.



Learn more about masonry's resilience advantages by taking our AIA-approved CE course