



WHY STEEL?

California Steel Framing Alliance (**CASFA**) Tools of the Trade

**** MAKE GREEN BUILDING GREENER! ****



STEEL THE BETTER BUILDER!



ISSUE	WOOD	STEEL
Stability & Uniformity	May rot, warp or shrink.	Does <i>not</i> rot, warp or shrink.
Indoor Air Quality	Treated wood may release toxins and irritate asthma and allergies.	Hypoallergenic. Emits <i>no</i> toxins, fumes, or gases.
Pricing	Erratic.	Consistent.
Disposal & Recycling	Treated wood is not biodegradable. Job site waste: 10-20%.	Pre-cut, custom pieces reduce waste. Steel can be sold as scrap and/or recycled. Job site waste: 1-3%.
Insects & Pests	Attractive to termites and other insects.	Impervious to termites and other insects.
Fire Risk	Highly Combustible.	Does not burn, non-combustible.
Seismic Strength	Often relies on cold-formed steel connections to obtain seismic and high wind ratings.	Can be engineered to sustain - High winds and Seismic loads.
Environmental Concerns	It takes roughly FORTY TREES to construct one 2000 sq.ft. home.	It takes roughly SIX JUNK SCRAP CARS to construct one 2,000 sq.ft. home.