

Wood vs. Steel & Plastic

Wood	Steel	Plastic
<ul style="list-style-type: none"> • Wood is a renewable raw material • It is a highly energy efficient raw material with an insulating rating (R-rating) of 413 times of that of steel 	<ul style="list-style-type: none"> • It requires 9 times more energy to produce one steel stud compared to one wood stud • Mining and producing steel consumes 4000 times more coal than wood • Making steel releases 15 times more sulphur dioxide and 27 times more nitrous dioxide as wood • Steel needs 25 times more water than wood to manufacture 	<ul style="list-style-type: none"> • Plastic is made from non-renewable petroleum products • It is not biodegradable • It's recycling is chemical intensive and costly