Beginner's Bat House

A hand saw, hammer, and staple gun are the only tools required for this new single-chamber design. Its simple construction, light weight, and low cost (less than $10) makes it ideal for school or scouting projects. Fiberglass screening stapled to the inside back wall provides an attractive surface for the bats to cling to. If properly placed, and darkened or lightened according to latitude, it can achieve excellent success, accommodating 50 or more bats. The recommended width allows all six pieces of 1\times8 to be cut from a single eight-foot piece of lumber. In mid and southern regions, where internal temperatures may stress bats on unusually hot days, we recommend a 3/16-inch gap between the lower and middle front pieces.

Materials needed:
One 8' piece of 1\times8' lumber (front and back pieces, and entry, restriction)  
One 5' piece of 2\times2' lumber (sides and ceiling)  
One 16\frac{1}{2}' piece of 1\times4' lumber (roof)  
One piece 15\frac{1}{4}' \times 23' fiberglass