



The *Walls of Troy* present a new construction technology available to the North American marketplace.

Troy panels are made of wood-wool mixed with Portland cement and offer unparalleled strength combined with cost reduction over stick-built housing solutions.

Physical Properties

- ◆ Walls of Troy panels Zero (0) Flame Spread as per UL Zero (0) Smoke Developed as per UL
- ◆ STC Ratings of 60 as per Riverbank Laboratory
- ◆ Walls of Troy Does not support Fungi Growth
- ◆ Walls of Troy Does not support Microbial growth
- ◆ Walls of Troy weight appr. 1150 lbs./panel

OTHER

- ◆ Fire Rating per Underwriters Laboratory Report # R27255-20120503
- ◆ Anti-Fungal and Anti-Microbial tests per Accugen Laboratory Report # 175034, # 175035
- ◆ Thermal Resistance 12"=R-20 (ft²*hr*°F) 3.3/2"
- ◆ Impact Testing– Missile Rejected 51.8 ft/sec.
- ◆ Wall Panel Racking Shear Ultimate load 13,062(lbf)
- ◆ Wall Panel Axial Load Ultimate load 36,573

Construction Steps Saved

(over stick-built method)

1. Wood frame
2. Fiberglass insulation
3. Structural sheeting
4. Waterproofing
5. Drywall
6. Lath

Applicable Standards

- ◆ ASTM E72
- ◆ ASTM C518
- ◆ Microbiological Testing per Accugen Labs ASTM G21, ASTM E 2180
- ◆ Fire Rating per Underwriters Laboratory ASTM E84 as per UL 723

Size Dimensions

- ◆ 71" wide x 114" tall x 12" thick
- ◆ Custom sizes available

