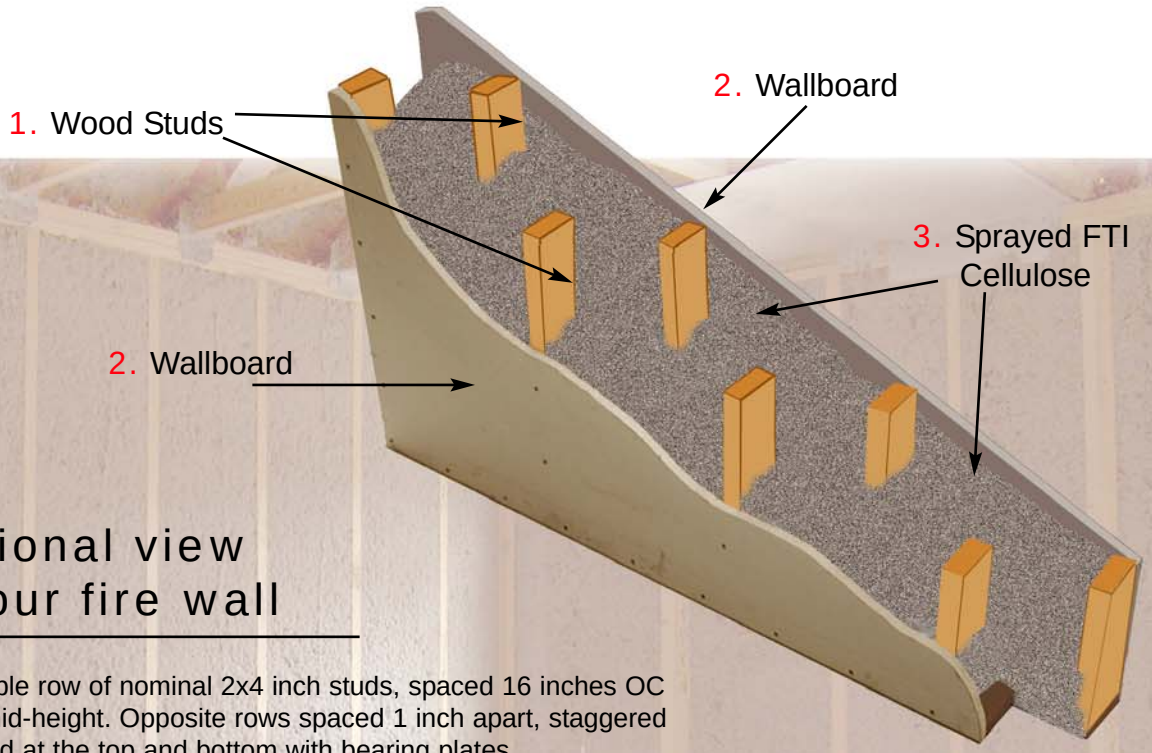
FTI - 2H FIRE WALL

The cost effective, environmental design for two-hour fire walls.

- Less material, labor & jobsite waste provides cost savings.
- Borate fire retardant EPA registered as pesticide.
- Simpler construction than other two-hour fire wall designs.
- Minimum of 75% post-consumer newsprint.



Cross-sectional view of a two-hour fire wall

1. **Wood Studs** - double row of nominal 2x4 inch studs, spaced 16 inches OC and cross-braced at mid-height. Opposite rows spaced 1 inch apart, staggered 8 inches OC and joined at the top and bottom with bearing plates.

2. **Wallboard, Gypsum** - one layer of 4 foot-wide, 5/8 inch thick Type C gypsum wallboard, applied vertically and screwed to studs and bearing plates 7 inches OC with 1-7/8 inch long cup head drywall screws. Wallboard joints centered over studs.

3. **Sprayed Cellulose Material** - the fiber is applied with water to completely fill the enclosed 8 inch cavity in accordance with the application instructions supplied with the product. The minimum dry density is 4.20 lbs/ft3.

4. **Bearing Plates** - (not shown) nominal 2x4 inch. Two layers on top and one layer on bottom for each row of studs.

5. **Joints and Screwheads** - (not shown) wallboard joints taped and both joints and screwheads covered with joint compound.

***** More detailed drawings available upon request.*****

Fiberlite Technologies, Inc.

FTI's load-bearing, two-hour fire wall has been tested under ASTM E119-07a "Standard Test Methods for Fire Tests of Building Construction and Materials" by Intertek Testing Services NA, Inc. **(Report No. 3132554-1,2 dated November 29, 2007)**

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