

Revision Date: 07/28/2021

1. **Design Criteria:**

- a. Fire retardant treated wood shall comply with FM Global DS1-62
- b. Wood framing shall not be used for any new buildings and additions (except heavy timber or timber frame in special cases for one to two story construction).

2. **References**

- a. FM Global Loss Prevention Datasheet DS1-61 “Fire Retardant Treated Wood”.
- b. ASTM A208.1 – American National Standard for Particleboard; 2009.
- c. ASTM C177/C177M – Standard Specification for Glass Mat Gypsum Substrate for Use as Sheathing; 2013.
- d. ASTM E2178 – Standard Test Method for Air Permeance of Building Materials; 2013.
- e. ASTM E84 – Standard Test Method for Surface Burning Characteristics of Building Materials; 2015.
- f. ASTM E96/E96M – Standard Test Methods for Water Vapor Transmission of Materials; 2014.

3. **Required Submittals:**

- a. All equipment and product information.
- b. All product warranty information.
- c. Sample Maintenance Contract.
- d. Data for wood-preservative treatment.
- e. Data for fire-retardant treatment.
- f. Copies of warranties from chemical treatment manufacturers for each type of treatment.

4. **Products, Materials & Equipment:**

- a. Miscellaneous Lumber:
 - i. Blocking – Coordinate location of blocking in walls during construction with the UVM project manager to confirm locations of wall hung appliances, dispensers, equipment, and accessories.
 - ii. Plywood Backing Panels shall comply with DOC PS 1 (ASTM C177/C177M), Exposure 1, C-D Plugged, fire-retardant treated.

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5. **Installation, Fabrication, and Construction:**

- a. No special requirements beyond what is typically specified by the design consultant.

6. **Warranties:**

- a. Manufacturer's standard warranties on products and equipment
- b. Installer's standard warranty on installation