



TECHNICAL NOTE

FOR ADDITIONAL INFORMATION: www.frtw.com or 1.800.TEC.WOOD (832.9663)

UL DESIGN NUMBER V314: INFORMATION

UL Design No. V314 is Hoover's proprietary 2-hour bearing wall assembly that requires exclusive use of PyroGuard™ fire-retardant-treated lumber and plywood in the assembly. Substitutions are not permitted. The following information will help ensure that your project is building code compliant.

- ICC/ES has a section on its website to help Building Departments understand that test reports by themselves are not enough to ensure code compliance.
http://www.icc-es.org/images/ESRs_vs_Labs.jpg
- Fire-resistance assemblies and their components must be listed by the same agency. To be code compliant, identification marks of all agencies providing 3rd party oversight are required to be on the identification mark.
- Code Report listings should be verified at the source of the report (insert report # & Google) Examples: UL ERXXXX ICC/ES-XXXX.
- Section 602.3 of the International Building Code (IBC) allows fire-retardant-treated wood (FRTW) that is compliant with section 2303.2 in addition to the noncombustible material requirements for exterior wall assemblies in Type III construction.
- Section 2303.2 of the IBC has very specific requirements for FRTW.
- Listings for FRTW lumber and structural wood panels must show a flame spread index of 25 or less and show that the product was tested for 30 minutes. The listing must also state that at no time during the test did the flame-front exceed 10 1/2 feet beyond the centerline of the burner and that the product demonstrated no significant progressive combustion.
- The identification mark (logo) of an approved agency (third party) providing production oversight is required by Sec.2303.2.4. On their own, report numbers on the stamp do not demonstrate code compliance.

- Some products have been tested to ASTM E2768. This is not a recognized test for FRTW in the IBC and these products should not be used in Type III construction.
- Products that are NFPA-703 compliant are not necessarily IBC Sec.2303.2 code compliant. NFPA 703 is used by the International Fire Code as the standard for fire-retardant coatings used as interior finish.