



## UL-Listed 2-hour Partition Wall Approvals

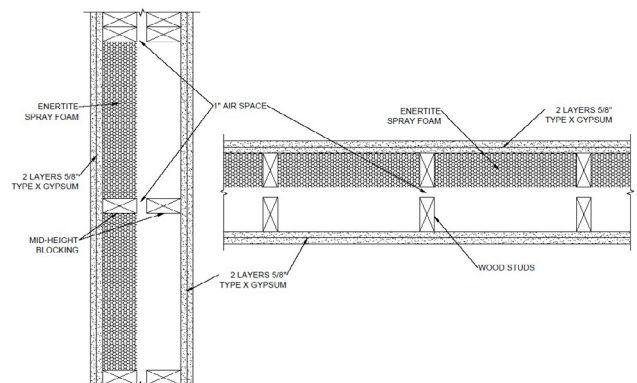
### Featuring BASF ENERTITE® Spray Foams in the HP+™ FR Wall

For multi-family construction applications using spray foams, BASF offers multiple UL fire-rated partition wall assemblies. These configurations can utilize ENERTITE G open-cell spray polyurethane foam (SPF) in various design options, to provide the sound attenuation and fire performance required by building code of local jurisdiction while increasing occupant comfort.

**These UL fire-rated partition walls, along with the other UL fire-rated exterior wall assemblies found in the BASF HP+ FR Systems portfolio, help to support designers and builders as they strive to deliver the high-performance buildings demanded by their clients.**

#### Wood Frame Partition Wall Assembly Features

- 2-hour UL rated Demising Wall Assemblies
  - UL Design Listings: V324, V342, V352
- 2-layers 5/8" Type X gypsum
- Minimum 2x4 wood studs in each wall assembly
- 16" on center stud space maximum
- Direct stud alignment on opposing walls
- Minimum 1" air gap between walls
- ENERTITE G SPF in one wall (partial to full cavity\*)
  - \*For sound ratings, 3½ inches of SPF is required
- Additional fibrous insulations may be installed on opposite wall



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##### 2-hour UL rated Demising Wall Assemblies

- UL Design Listings:
  - V324, V342, V352

##### Sound Transmission Class (STC) Ratings

- Walls: STC 57



## ENERTITE Testing and Multi-family Certifications

- UL GREENGUARD and UL GREENGUARD Gold Certified low-emission materials
- CAN/ULC 101 Fire Resistance Rated Assemblies
- ASTM E2178 Air Barrier performance verified
- ASTM E90 Sound Attenuation – STC 57

**ENERTITE spray foam is an excellent choice for multi-family construction applications, due to its superior insulation and air sealing properties, energy efficiency, and versatility.**



- **Efficiency:** ENERTITE open-cell spray foam provides excellent thermal resistance against heat loss in winter and heat gain in summer, contributing to lower energy bills for residents and property owners.
- **Air Sealing Capabilities:** Air leaks can significantly increase energy consumption in multi-family buildings. By using ENERTITE spray foam, builders can minimize these leaks, leading to improved indoor air quality and comfort for residents. This is particularly important in multi-family units where air quality can be compromised by shared walls and ventilation systems.
- **Moisture Management:** ENERTITE insulation is resistant to mold, which is essential in multi-family construction where the risk of moisture problems can be higher. This resistance helps protect the integrity of the building structure and enhances the overall health of the living environment.
- **Noise Reduction:** Multi-family buildings often deal with noise transfer between units. The open cell structure of ENERTITE spray foam can help minimize sound transmission, providing a quieter living environment. This is a significant benefit in urban settings where noise pollution can be a concern for residents.
- **Cost-Effectiveness:** Although the upfront cost of spray foam insulation can be higher than traditional insulation materials, the long-term savings on energy bills and reduced maintenance costs can make it a more economical choice over the lifespan of the building.

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**For more information on ENERTITE:**  
**[www.walltite.basf.ca](http://www.walltite.basf.ca) | 1-866- 474-3538**

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