

# Tech Tip

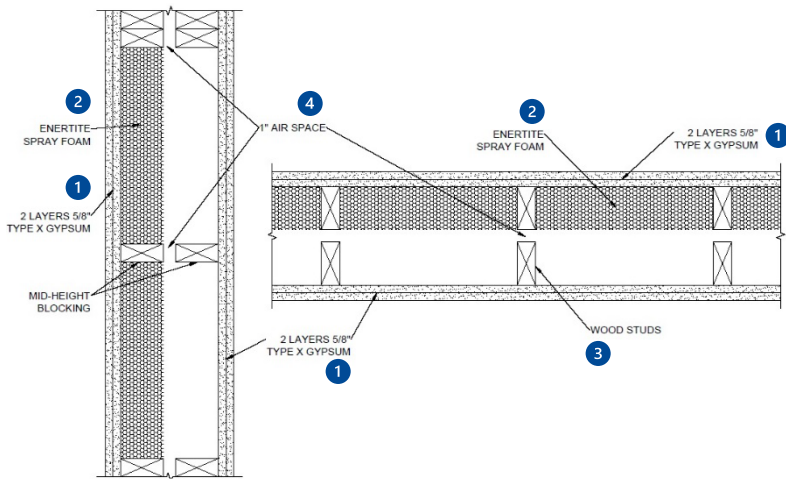
## UL-Listed, 2-hour Partition Wall Assembly Details



### BASF HP+ FR Partition Wall – UL-Rated Designs featuring ENERTITE Series Open-cell Spray Foams

This 2-hour UL fire-resistance-rated partition wall assembly is an integral part of the extensive portfolio of UL fire-rated design options offered by BASF. Our partition wall assembly can utilize either ENERTITE® G or ENERTITE® Max open-cell spray foam (SPF) to provide the sound attenuation and fire performance the building code requires, while increasing occupant comfort.

#### UL 2-Hour Fire-Rated Assembly Details



#### Components

- 1 5/8-in. Type X gypsum (2 layers)
  - 2 ENERTITE G or ENERTITE Max (Partial to full fill cavity)
  - 3 Min. 2x4-in. wood studs (16-in. o.c. max.)
  - 4 Min. 1-in. air space
- Additional insulation options (On opposite side)
  - Load and non-load bearing rated

#### UL Design Listings

[UL V324](#)  
[UL V342](#)  
[UL V352](#)

#### Certifications and Claims for ENERTITE open-cell SPF and the HP+ FR Partition Wall assembly:

- 2-Hour UL 263 Fire-Resistance Rated Assemblies (UL Designs V324, V342 and V352)
- UL GREENGUARD and UL GREENGUARD Gold Certified
- ICC Evaluation Service Report [ICC-ESR-3102](#)
- Intertek Code Compliance Report [INTERTEK CCRR-1032](#)
- ASTM E119 Fire Resistance of Building Materials evaluation
- ASTM E2178 Air Leakage Testing – Qualified Air Barrier Material
- ASTM E90 – STC 57+ Wall System Sound Attenuation
- UL Environmental Claim Validation - ECV (Bio-based Content, VOC emissions, Mold Resistance)

For more information on fire and sound performance of all BASF foam systems, see additional BASF Tech Tips.

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