

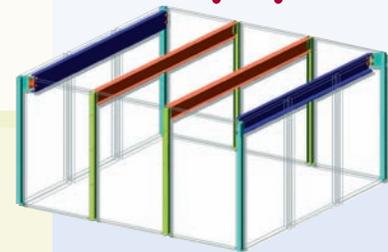
# Code Compliance: The First Step to Safety.

At National Partitions, safety is our main priority. That's why we focus on code compliant designs. After all, following building codes isn't an option, it's an obligation.

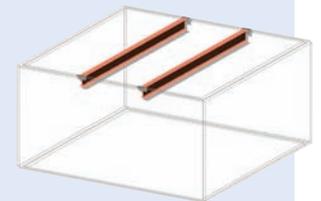
Let us customize a high-quality, cost-effective wall system to fit your needs. You'll enjoy peace-of-mind, knowing that you're safeguarding employees and eliminating liability concerns.



## Strength IN Support



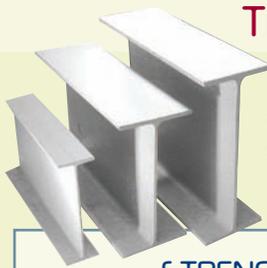
**NATIONAL PARTITIONS**



**Others**

Some companies allow beams to rest on top of a wall or connecting post, which places an unsafe amount of weight on the wall, and severely compromises safety for those inside.

## Steel vs. Aluminum The Difference is Elemental



All our modular wall systems are engineered with steel supports, as opposed to aluminum. The resulting advantages include enhanced strength, safety and structural integrity.

### Steel

### Aluminum

|                        | Steel  | Aluminum  |
|------------------------|--|---|
| <b>STRENGTH</b>        | Steel supports are inherently stronger than aluminum, and are required by code for structures with heavy roof loads. | Aluminum has inherently less strength than steel—much less reliable as column supports or in other weight-bearing applications. |
| <b>FIRE RESISTANCE</b> | Steel has a much higher melting point (1500°C), and remains structurally sound much longer in a fire.                | Aluminum's melting point (620°C) is much lower, causing it to forfeit structural integrity much sooner.                         |

## Code-Compliance Checklist

|  | National Partitions | Rest of Industry |
|--|---------------------|------------------|
| 1. Use <b>ONLY</b> steel supports  | ✓                   |                  |
| 2. Certified 1 hour fire-rated non-progressive product                                       | ✓                   |                  |
| 3. Passed the NFPA 286 and 25' Corner Test (using steel-clad panel with economical EPS core) | ✓                   |                  |
| 4. Meets <b>ALL</b> major building codes, including IBC                                      | ✓                   |                  |
| 5. Does <b>NOT</b> use a non-compliant hardboard and foam wall system                        | ✓                   |                  |

At National Partitions, we always use *bolted* and *anchored* steel end-wall supports on load-bearing roofs, so that the walls don't carry more than the allowable 100plf (pounds per linear foot). This increases structural strength, and also ensures greater stability in a fire.



**National Partitions®**  
Simply better.

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