

Firerestance Rated Wall Assembly Framing Configurations



1 Hour F (flame-spread) and T (temperature) Rating, ASTM E814

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| 1. | | <p>Double Staggered 2x6 or 2x4
Wood, see requirement A
Metal, see requirement B
Models 425 or 350
See Engineers Drawing M-11</p> |
| 2. | | <p>Double Staggered 2x6 or 2x4
Wood, see requirement A
Metal, see requirement B
Models 4D, 3D or 480 shown
See Engineers Drawing M-17</p> |
| 3. | | <p>Double Non-Staggered 2x6 or 2x4
Limited airspace
Wood, see requirement A
Metal, see requirement B
Models 425, 4D or 480
See Engineers Drawing M-14</p> |
| 4. | | <p>True Back-To-Back
Double Non-Staggered 2x6 or 2x4 w/airspace
Wood, see requirement A
Metal, see requirement B
Models 425, 350, 3D 4D, or 480
See Engineers Drawing M-23</p> |
| 5. | | <p>Double Non-Staggered 2x6 or 2x4
Limited Airspace
Wood, see requirement A
Metal, see requirement B
Models 3D, 4D or 480
See Engineers Drawing M-19</p> |
| 6. | | <p>Double 2x4 wall
Sandwiched Type X gypsum
Wood, see requirement A
Metal, see requirement B
Models 350 or 3D
See Engineers Drawing M-22</p> |
| 7. | | <p>Single 2x6 demising wall
Wood, see requirement A
Metal, see requirement B
Models 425 (preferred) or 350
See Engineers Drawing M-20</p> |
| 8. | | <p>Single 2x6 demising wall
Wood, see requirement A
Metal, see requirement B
Models 4D, 3D or 480 shown
See Engineers Drawing M-21</p> |
| 9. | | <p>Not permissible</p> |

Requirements: "A" An extra layer of Type X gypsum as shown in the drawing, mounted to a nailer (entire cell) with **R-19 fiberglass** insulation in entire cell. 16" spacing max.

"B" An extra layer of Type X gypsum as shown in the drawing, mounted to a nailer (entire cell) with **mineral wool** insulation (min density of 4 pcf) in entire cell. Up to 24" spacing permissible.

Notes: Above configurations are for demising walls. For 1 hour corridor walls use same info or see [this link](#) (a 2 hour rating is not available for any DryerBox). Click [this link](#) for more in-depth details.