



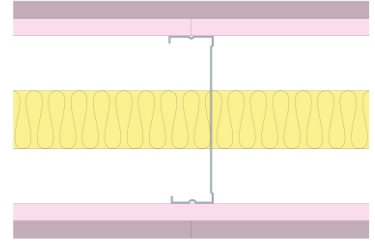
# Technical Specification

This document provides guidance on how to achieve performance and warranty requirements by exclusively using British Gypsum products or system specifications.

GypWall Single Frame

## A206254 (B) MR2 (EN)

Inner layer of Gyproc FireLine 15mm and an outer layer of Gyproc FireLine MR 15mm each side of Gypframe 146 S 50 'C' Studs at 600mm centres. 50mm Isover Acoustic Partition Roll (APR 1200) in the cavity. For heights up to 7800mm.



## System performance

Please read performance data with any associated standards.

Fire integrity (mins)	<b>120</b>
Maximum height (mm)	<b>7800</b>

Fire insulation (mins)	<b>120</b>
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The maximum heights quoted are limited by the fire state field of application or by limiting deflection of L/240 at 200 Pa, whichever is the lower of the two.

Sound insulation (Airborne) Rw (dB)	<b>51</b>
Duty rating	<b>Severe</b>
Partition thickness (mm)	<b>208</b>
Approx. weight (kg/m <sup>2</sup> )	<b>46</b>

## Standards

These standards relate to the above performance data.

BS EN 1364-1, Fire resistance tests for non-loadbearing elements - Walls.

BS 5234-2, Specification for performance requirements for strength and robustness including methods of test.

BS EN ISO 140-3, Acoustics - Measurement of sound insulation in buildings and of building elements. Laboratory measurement of airborne sound insulation of building elements.

## Further information

**SpecSure®** system performance warranty confirms that British Gypsum proprietary systems will perform as specified for the lifetime of the building. The **SpecSure®** warranty requires that all components are specified in full and constructed in accordance with British Gypsum's installation guidance. For more details see the British Gypsum website. Always check with the design team before making any changes to the chosen specification, ensuring appropriate substantiation is sought to confirm that the solution still meets all required project performances.