




System matrix table

When specifying drywall systems, a number of performance characteristics are normally used to determine the required solution. Depending on the project or construction type, these performance parameters could be set by minimum regulatory standards, or a client or customer requirement for buildings that offer the highest standards of performance and comfort.

Our quick-reference partition system guide below allows you to simply select the performance categories of interest and identify the Saint-Gobain Vietnam's partition systems that best satisfy your project requirements.

Partition thickness mm	Maximum height * mm	Area	Section	Page	Fire performance EI ** mins 	Acoustic performance Rw *** dB 	Duty rating **** 
101-147	3,400-5,700	Dry	GypWall	38	30-120	42-53	Medium-Severe
101-238	3,600-7,500	Wet	GypWall AQUA	51	30-120	42-60	Medium-Severe
127-142	4,600-5,700	Dry	GypWall SAFE	63	60	50	Severe
142-251	5,700-7,500	Dry	GypWall QUIET	70	60-120	55-69	Severe

Notes:

* Based on studs at 610mm centres and limiting deflection of L240 at 200 Pa

** EI: Fire Integrity and Insulation - refer to Fire Principle page 17

*** Rw: The Weighted Sound Reduction Index - refer to Acoustic Principle page 24

**** Duty rating: Partition grades by categories of duty - refer to Strength & Robustness Principle page 27