

**ALLOY PARTITIONING SYSTEMS**  
**PRODUCT COMPARISON CHART**

# ALLOY PARTITIONING SYSTEMS

DEVELOPING WORKPLACE SOLUTIONS FOR THE FUTURE

## ALLOY Partitioning Systems Comparison Chart

ALLOY® is a glazed partitioning system designed to integrate closely with Gyproc™ drywall systems from Saint-Gobain Thai Gypsum. ALLOY® is engineered to hold large glass paneled walls, in accordance with international standards of building construction.

A proprietary etching process is applied to the surface finish of ALLOY to give it a beautiful and unique satin silver finish.

This *Comparison Chart* details features that should be present in standard commercial partitioning systems, and compares the features of ALLOY to other aluminium products available in the marketplace. Product features, safety standards and performance should be used as a primary tool for selecting a wall partitioning system for your commercial workplace.

Item	Features	ALLOY 100	Competition
<b>1</b>	<b>Strength &amp; Performance</b>		
1.1	System thickness (and weight)	<b>1.5 to 2.0 mm</b>	1.2 to 1.3 mm
1.2	Anodized surface thickness	<b>15 microns</b>	8-12 microns
1.3	Patented Interlock™ mechanism for improved mullion strength.	<b>Yes</b>	No
1.4	System is certified to integrate with Saint-Gobain Gyproc™ Drywall System.	<b>Yes</b>	No
1.5	System designed and certified to comply with Gyproc™ acoustic and fire rated standards.	<b>Yes</b>	No
1.6	Clip-on door stop profile designed for heavy duty door construction.	<b>Yes</b>	No
1.7	Aluminium door section has underside seal to reduce unwanted sound transfer.	<b>Yes</b>	No
1.8	Fully integrated door hardware system:		
	o Designed exclusively for use with ALLOY Systems	<b>Yes</b>	No
	o Backed by an <b>5 year warranty</b> against mechanical failure and surface finish.	<b>Yes</b>	No
	o All moving hardware components are manufactured in Germany.	<b>Yes</b>	No
	o Door hinge screws perfectly match the vertical door profile flutes for added strength.	<b>Yes</b>	No
1.9	Partition system is structurally engineered to safely hold large glass panels.		
	o Glazing pocket depth of 10mm+ to stop glass panel from dislodging (TIS 744:2530)	<b>Yes</b>	No
	o Glazing rubber wedge is designed specifically for glass panel mullions.	<b>Yes</b>	No
<b>2</b>	<b>Design</b>		
2.1	Proprietary polymer etched surface finish using latest technology.	<b>Yes</b>	No
2.2	Optimum design of skirting profile to prevent accumulation of dust particles.	<b>Yes</b>	No
2.3	Glazing rubber is securely fixed to mullion and does not pop out over time.	<b>Yes</b>	No
2.4	Mix and match multiple systems and profiles to suit project design requirements.	<b>9 Systems</b>	Basic system only
2.5	Silicone sealants and gap fillers are not required to finish construction.	<b>Yes</b>	Gap fillers required
<b>3</b>	<b>Organization</b>		
3.1	Public Company structure, with systemized methodology:		
	o Clearly defined product development program for ALLOY Partitioning Systems	<b>Yes</b>	Not Available
	o Stringent QC process	<b>Yes</b>	Not Available
	o Comprehensive warranty program	<b>Yes</b>	Not Available
3.2	Project references:		
	o International project references	<b>Yes</b>	No
	o Over 1,000 project installations in Thailand.	<b>Yes</b>	No
	o Extensive project installations in healthcare, education, corporate workplace and retail.	<b>Yes</b>	No
3.3	Delivery & Stocking		
	o Extensive stocking program to serve urgent project requirements.	<b>THB 25 mill.</b>	Minimal stocking
	o Delivery within 24 hours of order placement.	<b>Yes</b>	N/A