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**ACOUSTIC**  
sliding door systems

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SHARE  
LIGHT  
CONTROL  
SOUND



# YOUR PERFECT SLIDER

OPTIMAL  
ACOUSTICS,  
MAXIMUM  
FLEXIBILITY



Project: Derinya Primary School

GLYDE Acoustic Sliders meet the needs of future learning while overcoming the limitations of other systems in the market. They are smooth and safe to operate and can be installed in many configurations. No floor tracks required.

Our suite of sliding doors can incorporate various glass types and solid surfaces such as pinboard or whiteboards.

Individual sliders can be installed up to 3m high and 5m wide.\* Openings up to 18m wide can be accommodated using multi-stacking systems.

\* Please note: for GLYDE sliders larger than this guideline, please talk to a GLYDE representative.

GLYDE Acoustic Sliders make workplace fitouts easy.

Choose GLYDE to reconfigure one large room into two, three, four, or more spaces for meetings or small group collaboration areas. Businesses get adaptable work spaces as the organisation's needs evolve.



## ACOUSTIC PERFORMANCE

GLYDE offer certified test reports for sliders in multiple configurations, including face fixed, cavity, dual sliders, and multistacking.



## DDA COMPLIANCE

GLYDE acoustic sliders have been designed to ensure operation is smooth and safe. They meet stringent accessibility requirements. Certification available on request.



## GLYDE ANTI-SLAM SYSTEM (GASS)

Our patented GASS feature safely slows large sliders prior to reaching the closing jamb, reducing risk of finger entrapment while ensuring doors are easy to operate. GASS can be fitted to both the closing and opening action on our over-sized sliders as an added safety feature.



# GLYDE PERFORMS

GLYDE Architectural Acoustic Systems offer a suite of sliders that deliver large spans, acoustic performance, design flexibility, safety, and accessibility.

## PRODUCT FEATURE:

Create a 3-way junction without the need for a post to get full flexibility of space configuration.

Project: Rosebud Primary School

## ACOUSTIC REQUIREMENTS



- Independent CSIRO test certificates available on request
- Glazed systems tested up to Rw39
- Solid systems tested up to Rw40

## TRACK TYPE & FORMAT



- Face Mounted
- Cavity Mounted
- Recess Mounted
- Single Track
- Double Track
- Triple Track
- Multi-stacking

## MULTIPLE CONFIGURATIONS



- Single
- Bi-Parting
- T Intersection
- Clear View (No Midrails)
- Mid Rails
- Vertical Mullions
- Decorative Mullions
- Integrated Footbolts

## SLIMLINE PANELS



- Minimal storage footprint
- 50mm deep frames
- Internal cavity dimension of 90mm for Single and 155mm for Dual Sliders

## TRACK ACCESS



Easily access GLYDE sliders for servicing. The tracks can be fully recessed into the ceiling or bulkheads, as there is no need for ceiling access after they are installed.

## 100% AUSTRALIAN



All GLYDE products are designed and manufactured in Australia. We use the highest quality materials, ensuring our systems will always be beautiful in form and reliable in function.



# ACOUSTIC SLIDERS

## TECHNICAL INFORMATION & KEY FEATURES

### Key Features

- 50mm Narrow Profile, reducing weight and cavity thickness
- Anti-Slam (brake) System
- Recessed Tracks accessible for servicing without the need for ceiling access post installation
- In-house Powder Coating and Finishing
- Multiple Configurations

### Configurations

Max. Panel Height:	3000mm
Max. Single Panel Width:	5000mm
*Panel configurations dependent on: <ul style="list-style-type: none"> <li>• Rw rating</li> <li>• Site access</li> <li>• DDA requirements</li> <li>• Weight limitations</li> <li>• Glass limitations</li> </ul>	

### Compliance

CSIRO Acoustic Testing	Reports available on request
AS1288 Glazing Standards	
AS1428.1 DDA Compliant	
*Compliance dependent on: <ul style="list-style-type: none"> <li>• Rw rating</li> <li>• Panel weights</li> <li>• Handle locations (through glass or leading stile)</li> <li>• Handle type</li> </ul>	

### Hardware Options

Standard 60mm backset lock:	varied key/snib configurations available (Master keying compatibility)
Straight handle - square or oval profile:	600mm centres
Offset handle - square or oval profile:	600mm centres
*All handles are DDA compliant	
Consult with the GLYDE Team for alternative hardware requirements	

### Acoustic Ratings & Panel Weights

Glazed Slider	
Rw31:	21kg/sqm
Rw34:	29kg/sqm
Rw35:	29kg/sqm
Rw37:	29kg/sqm
Rw39:	34kg/sqm
Board Slider	
Rw30:	20kg/sqm
Rw35:	25kg/sqm
Rw40	30kg/sqm
See Specification Matrix page 16 for options.	
Sqm weights do not include finishes.	

### Section Dimensions

Internal Cavity Dimensions:	90mm - Single Slider 155mm - Dual Slider 220mm - Triple Slider
Panel Centres:	65mm
Stile Width:	120mm
Stile Depth:	50mm
Surface Mounted Receiving Jamb:	65 +/- 10mm
Corner Mounted Receiving Jamb:	90 +/- 10mm
Glazed Slider	
Midrails:	75mm (can be used in lieu of applied manifestations)
Vertical Mullion: 75mm	Structural (to accommodate extended widths)
Decorative Mullion: 55mm	Non-Structural (to accommodate handle locations)
Board Slider	
Midrails & Vertical Join:	22mm
Board/Glazed Combination Slider	
Midrails:	33mm



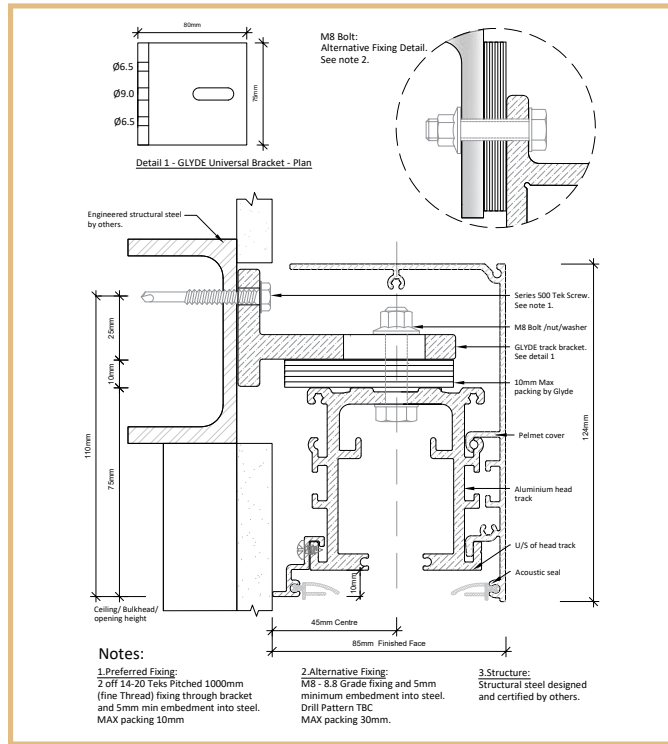
## ACOUSTIC sliding door systems

We can offer innovative solutions to questions you may have not even thought of yet.

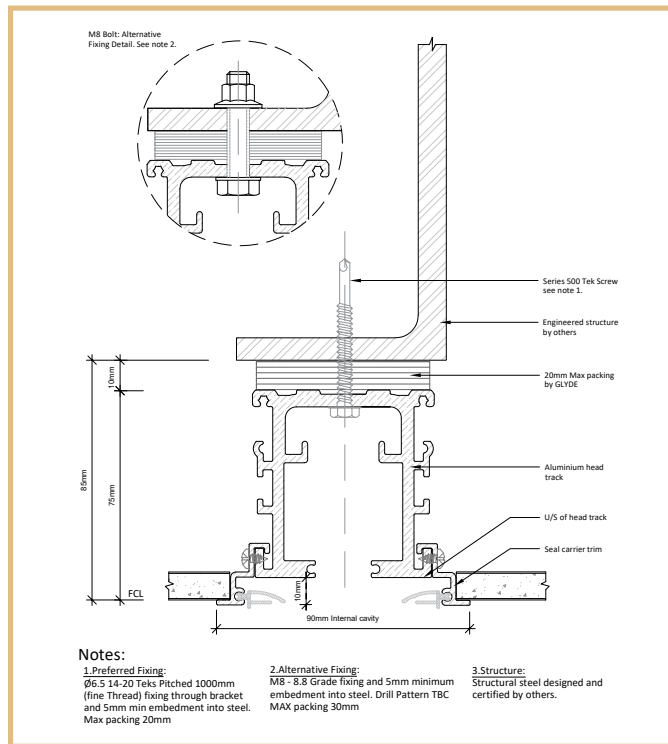
Talk to a GLYDE expert.

# ACOUSTIC SLIDERS

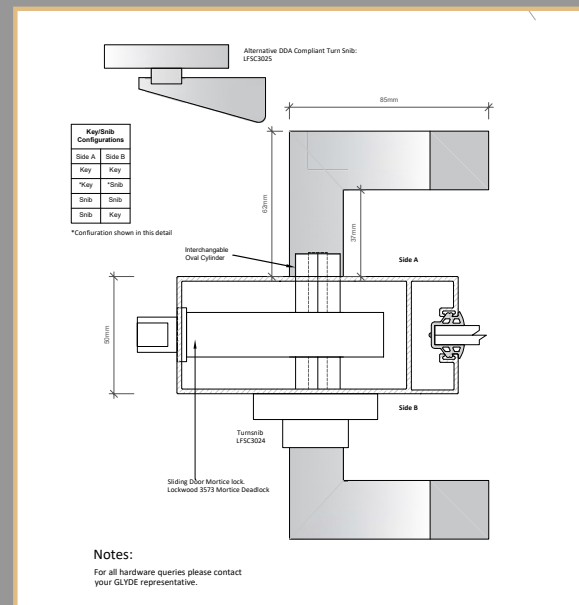
## TYPICAL DETAILS



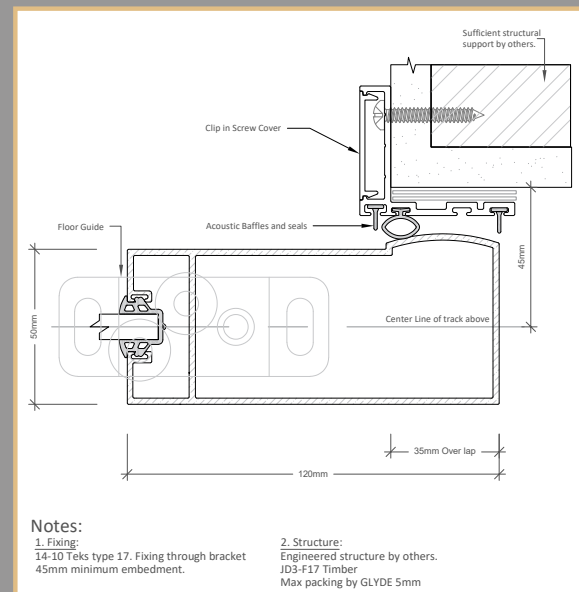
FACE MOUNTED TO STEEL



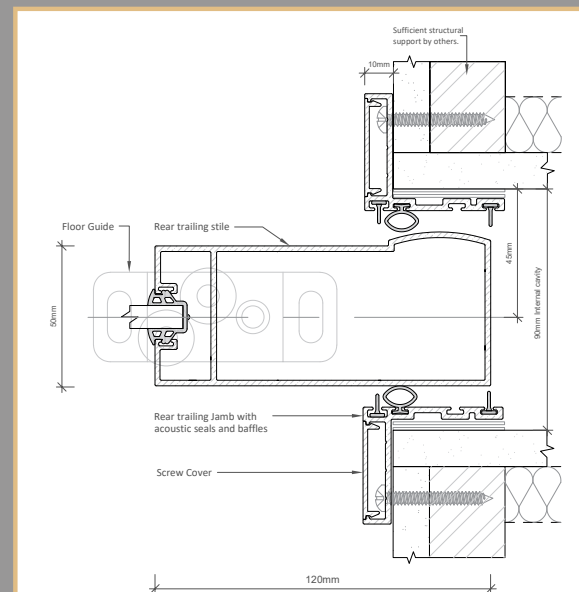
DIRECT TO STEEL



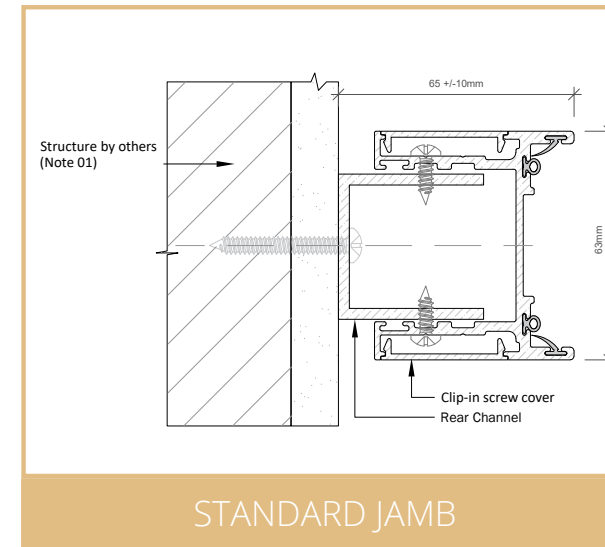
LEAD STILE



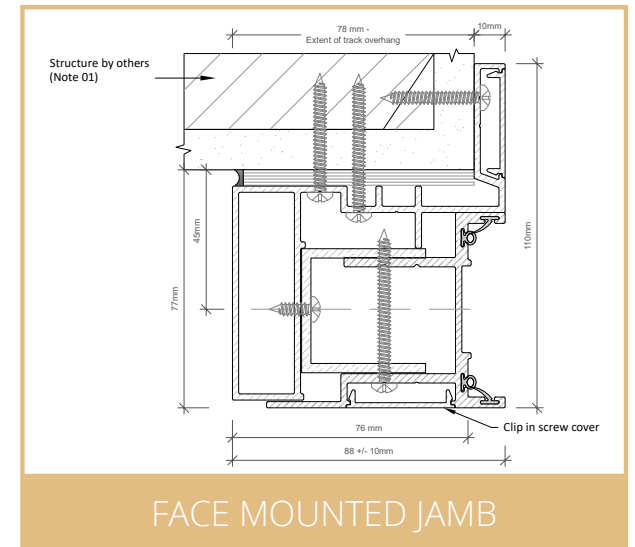
TRAILING STILE - FACE MOUNTED SLIDER



TRAILING STILE - CAVITY

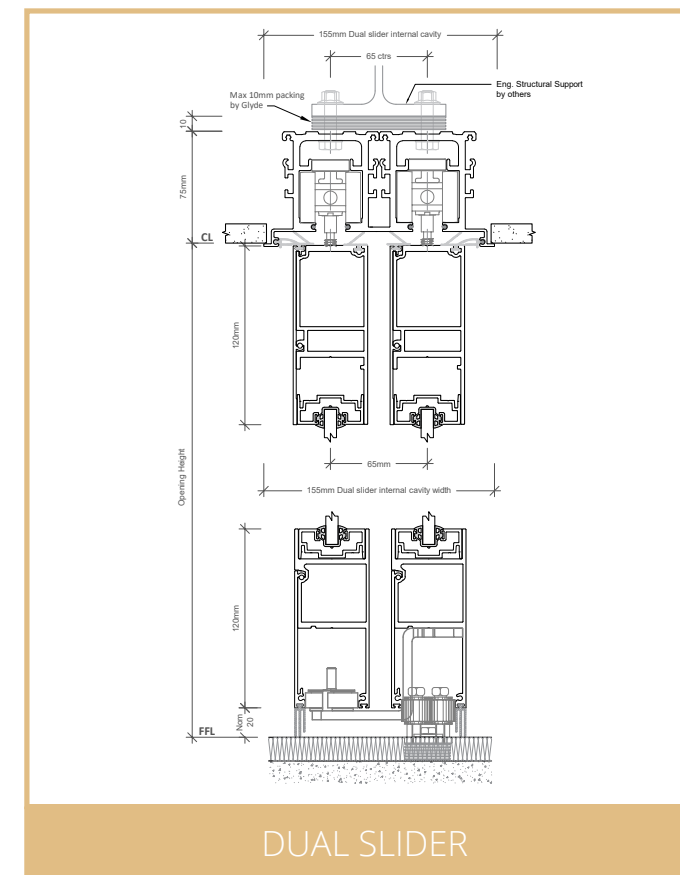


STANDARD JAMB

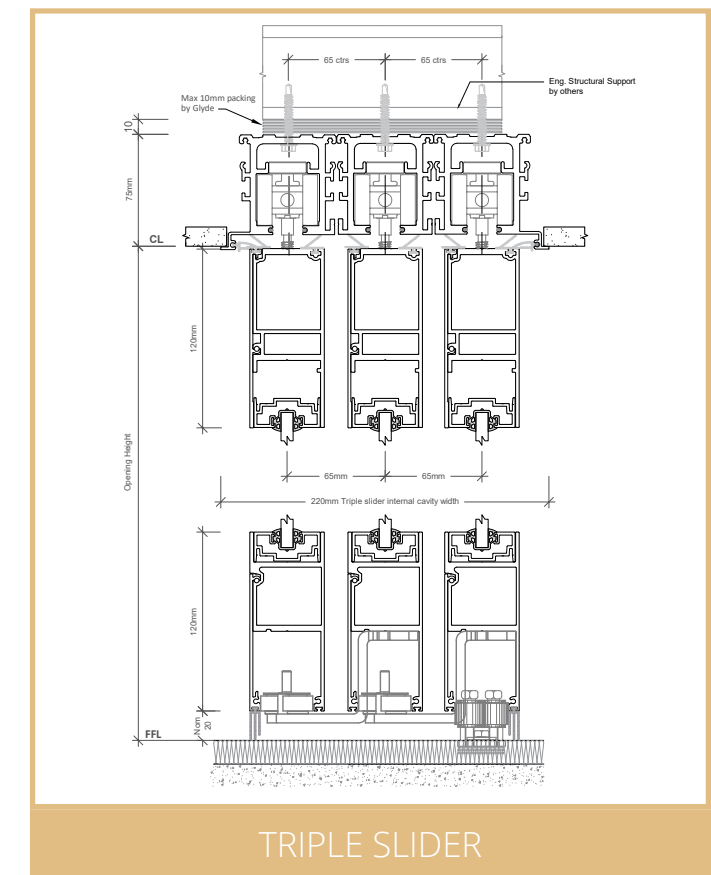


FACE MOUNTED JAMB

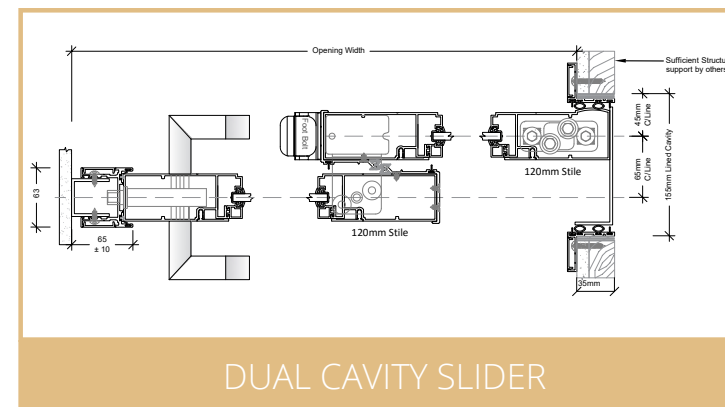
Note 01: Builder to ensure sufficient structure for fixing jambs securely.



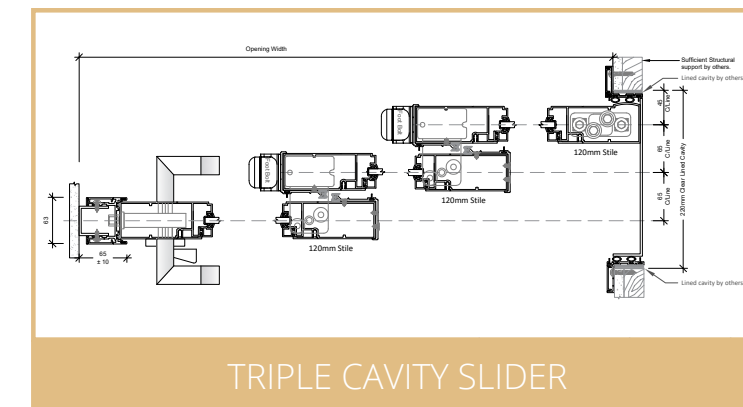
DUAL SLIDER



TRIPLE SLIDER



DUAL CAVITY SLIDER



TRIPLE CAVITY SLIDER

\*Note: Recessed track available in fullwidth or stepped configurations.



# GLYDE® Sliders Specification Matrix

Select one option from each section

Slider Options		Description	Code
Format	Glazed Sliders	Glass construction	<b>SG50</b>
	Solid Sliders	Board construction	<b>SB50</b>
Track Type	Face Mounted	Track is fixed to the face of a wall or bulkhead	<b>F</b>
	Cavity Mounted	Track runs into a cavity/pocket <i>(constructed by others)</i>	<b>C</b>
	Recess Mounted	Track is partially recessed into the ceiling	<b>R</b>
Track Layout	Single	For single or bi-parting sliders running along a single track line	<b>1</b>
	Dual	Dual slider configuration	<b>2</b>
	Triple	Triple slider configuration	<b>3</b>
	Multi-stacking	Four or more panel slider configuration	<b>4</b>
Configuration	One Way	Opening from one end	<b>O</b>
	Bi-Parting	Opening from the middle <i>*Note on spec if doors are to meet at a 90° angle</i>	<b>B</b>
	T Intersection	Three way intersection <i>(3 sliders meeting to form a T configuration)</i>	<b>T</b>
Glass Construction	Clear View (no mid rails or vertical mullions)	A butt joint will be incorporated into the glass for panels over 1.5m wide	<b>CV</b>
	1 or 2 x Mid Rails	Can be used in place of a manifestation, powder coated to suit / accommodate multiple finishes	<b>1MR</b> or <b>2MR</b>
	1 or 2 x Vertical Mullions	Panels over 2.6m wide may require vertical mullions if midrails are not suitable / for panels over 3000mm wide	<b>1VM</b> or <b>2VM</b>
	Decorative Mullion (55mm)	For handle fixing in laminated glass	<b>DM</b>
Board Construction	Mid Rails	For Board/Glass combinations	<b>MR</b>
	Vertical Join	For joining finishes/boards	<b>VJ</b>
Acoustics	Glass: Rw31, Rw34, Rw35, Rw37, Rw39	<i>* Sizes for Rw31 option; are limited by glass area regulations</i> <i>* Acoustic certificate not available for Rw30 board construction</i>	<b>A34</b>
	Solid : Rw30*, Rw35, Rw40		

## Example

**SG50 R 2 O CV A34**

### SG50 / R20 / CV / A34

Glazed Slider  
Recess Mounted Track  
Dual slider configuration  
Opening one way  
Clear view (no mid rail)  
Acoustic rating of Rw34

## Note:

- GASS (GLYDE Anti-Slam Systems) are fitted to all slider configurations on the closing operation.
- Also available for opening operation on particular configurations if required.
- DDA Certified Compliant systems - subject to weight limitations.

Please contact a GLYDE Specification Manager to assist with your project requirements.

\* Dual & Triple configurations may impact the acoustic performance of the systems



# FIXED GLAZING COMPLEMENTARY TO SLIDERS

Exclusively for use with our sliders, GLYDE's 100 Centre Single Glazed fixed glazing suite is an easy choice.



## FEATURES:

- 100mm x 44mm frame
- Accepts 6mm to 12.5mm glass
- Centre glazed
- 44mm integrated midrails
- 75mm integrated midrails to match slider profiles
- 80mm surface mounted midrails
- Vertical mullions can be incorporated, providing options for panel configurations in lieu of midrails
- Glass butt joints in lieu of intermediate mullions (subject to glass limits)
- Integrates with GLYDE sliding door systems

## LIMITATIONS:

- Nominal 3000mm high frames up to 1500 panel widths

\*wider frames can be accommodated with the introduction of vertical mullions



Project: Wollert East Secondary College

ACOUSTIC SLIDING DOOR SYSTEMS

# INNOVATIVE PROJECT SOLUTIONS

GLYDE's in-house Design and Engineering Team will work with you to provide innovative system solutions for your projects.

Using a combination of our *Large Format Glazed Sliders* integrated with a glazed *Jamb Hung Passdoor*, GLYDE allows for conventional, DDA compliant entry and egress with unlimited clear width openings once the multi-stacking sliders are opened. No floor tracks are used. Integrated lock-down footbolts give each sliding panel stability.

The ultimate in easy and efficient flexibility for use of learning space.

