

neslo PARTITIONING

Relocatable Partitioning



Frameless Glazing

Clearline



Ironmongery



Glass



Blinds



Doors



Installers



Design

A fully glazed, relocatable dry jointed frameless partitioning system manufactured and tested to achieve class leading standards

Performance Interior & Partitioning Specialists

Flexible buying options, from component supply only to a single source solution.

Contact your friendly team at Neslo Partitioning 03333 583 003

email: info@neslopartitioning.co.uk

tel: 03333 583 003

web: www.neslopartitioning.co.uk

Construction

Modular components and door frames are pre machined for ease and speed of on site erection.

Elevations

The glazed elevations are constructed from minimal aluminium framework to enhance the clear seamless lines of the product. Both 10mm and 12mm glass is standard with thicker glass sizes capable of incorporation to meet higher performance standards.

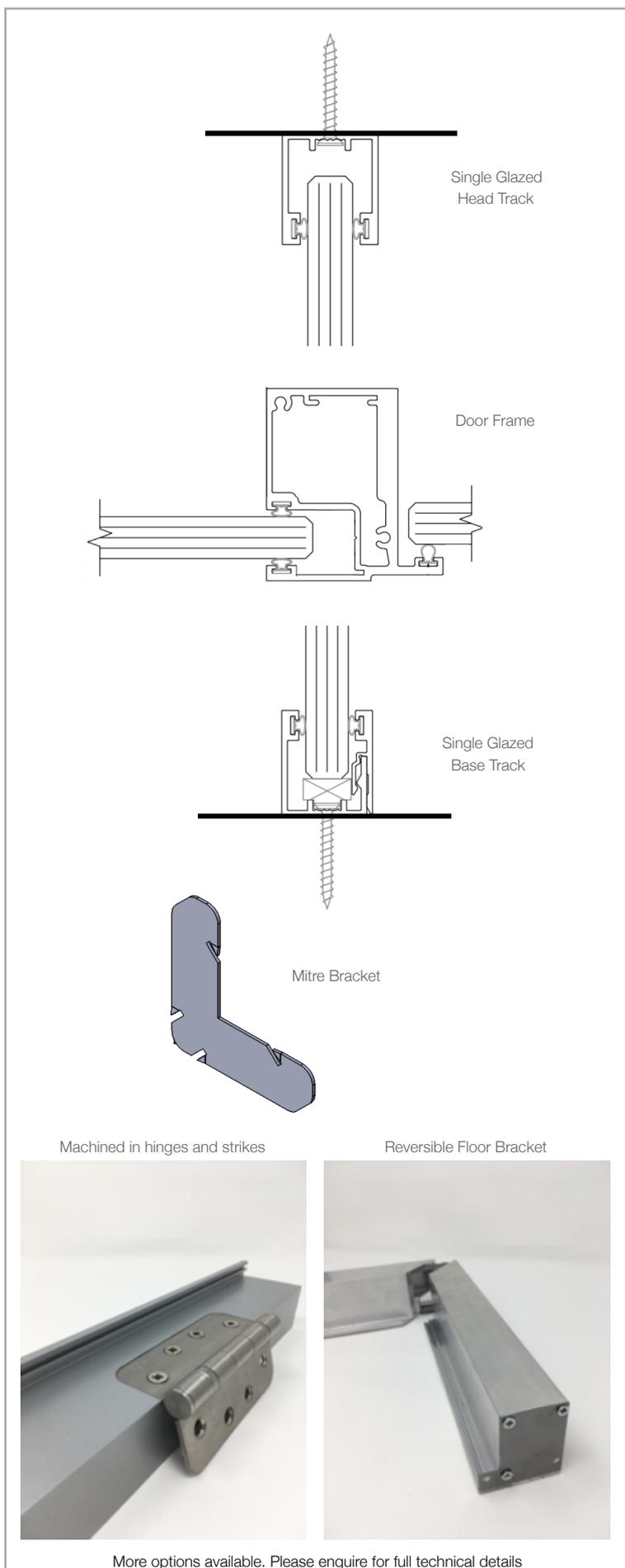
Single and double glazed systems are available and blinds can be incorporated within the double glazed modules.

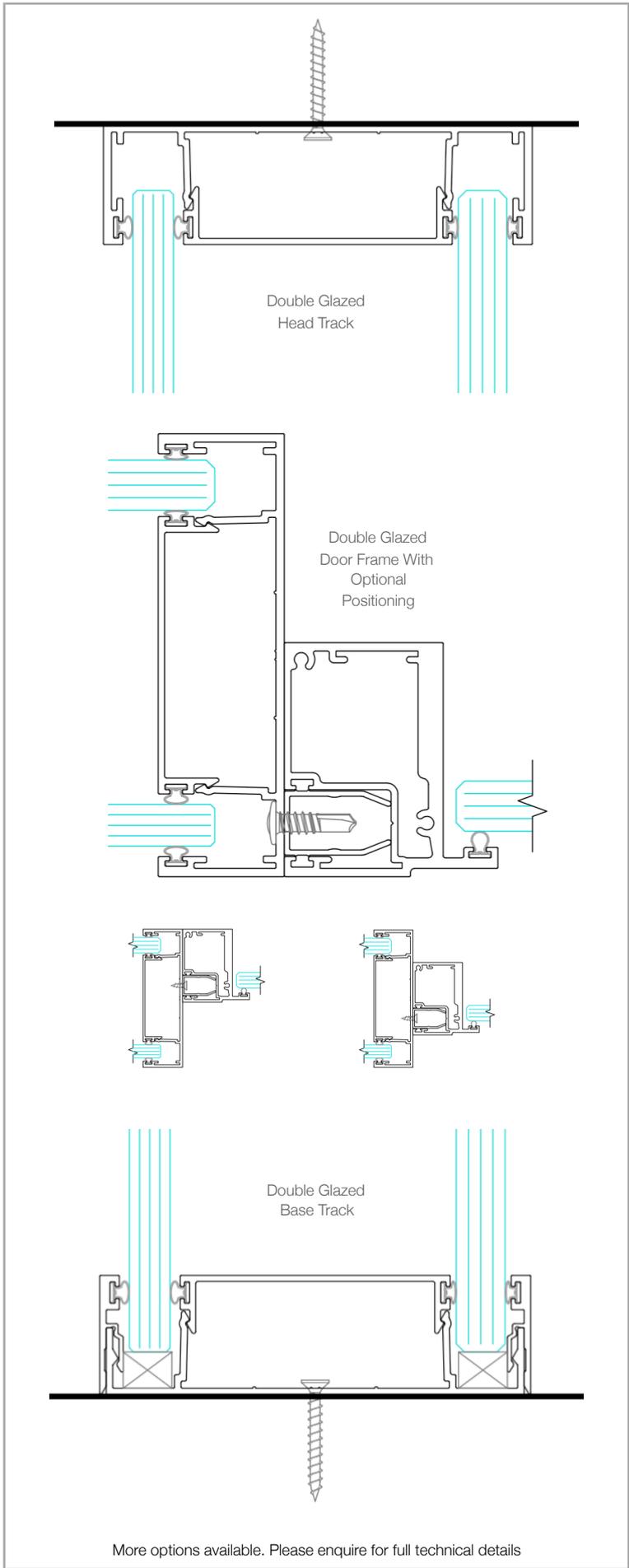
Aluminium

Sections are extruded from material grade 6063 in T6 condition conforming to BS EN 755-9. Polyester powder coating to a thickness of 40/60 microns. Both white (RAL 9010 30%) and silver (RAL 9006 30%) are held in stock with other RAL and BS finishes available on request.

Frames and Doors

Frames for hinged doors can be aluminium or hardwood and can accommodate cellular or solid core doors 44mm thick in varying sizes. Up to 54mm doors can be accommodated. Fully glazed hinged doors both non-fire and fire resistant are also available.





Glass

Neslo safety glass has been tested within the system in various thickness to ensure the highest standards of sound and fire performance along with excellent structural stability.

Performance

With Neslo being the longest established manufacturer of partitioning in the UK we have had independent tests and assessments conducted in virtually all conceivable configurations of our partitioning systems. Neslo have carried out over 50 tests covering fire, sound and structural performance and this catalogue of information has enabled assessment of most client and statutory performance requirements.

Neslo's innovative performance systems have been developed and tested in conjunction with industry leading organisations such as Airo Acoustical Research, The Building Test Centre, International Fire Consultants, Warrington Fire Research and Salford University.

PERFORMANCE DATA

Acoustic	Tests	Glass	Rating
Single Glazed	Test L/2905	10.0mm toughened	35 dB Rw
Single Glazed	Test L/2905	10.8mm laminated	36 dB Rw
Single Glazed	Test L/2905	12.0mm toughened	36 dB Rw
Single Glazed	Test L/2905	12.8mm laminated	37 dB Rw
Double Glazed	Test L/2763	10.0mm + 10.0mm toughened	42 dB Rw
Double Glazed	Test L/2763	10.0mm toughened + 10.8mm laminated	45 dB Rw
Double Glazed	Test L/2763	12.0mm toughened + 10.8mm laminated	47 dB Rw
<i>Use of specialist acoustic glass is expected to enhance the above performance by 3 dB Rw</i>			

Structural (10.0mm)	Test BTC 16090S	10.0mm toughened	2750mm High
Annex A	Stiffness	Pass	Medium Duty
Annex C	Impact Soft Body	Pass	Severe Duty
Annex E	Multiple Impact	Pass	Severe Duty
Annex G	Crowd Pressure	1.5 KN/m	23.9 Deflection

Structural (12.0mm)	Test BTC 16089S	12.0mm toughened	3050mm High
Annex A	Stiffness	Pass	Heavy Duty
Annex C	Impact Soft Body	Pass	Severe Duty
Annex E	Multiple Impact	Pass	Severe Duty
Annex G	Crowd Pressure	1.5 KN/m	19.7 Deflection

Fire	Tests	Glass	Rating
Single Glazed	CFR 1104141	Pyrobel 16	Integrity 30min
Double Glazed	Assessment	Pyrobel 16	Integrity 30min

Improved results can be achieved using differing types of glass. Calculations and self assessments required. The information provided must be read alongside the detailed designer manual and relevant construction drawings.