

# Fusion Partitions... contemporary design with functionality



tedwall



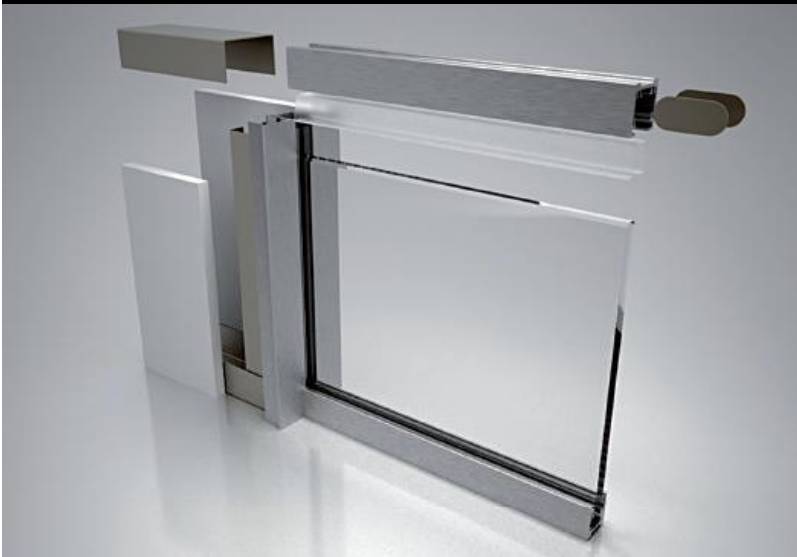
## Clear Single Glazed Partitions

The Clear Single Glazed system provides a minimal aluminium framework with a choice of doorframes to meet all design requirements.

The depth of the floor and ceiling sections is replicated within the Clear Double Glazed family of products to ensure clean uninterrupted lines when using a mix of Fusion products.

A choice of dry joints or silicone is available.



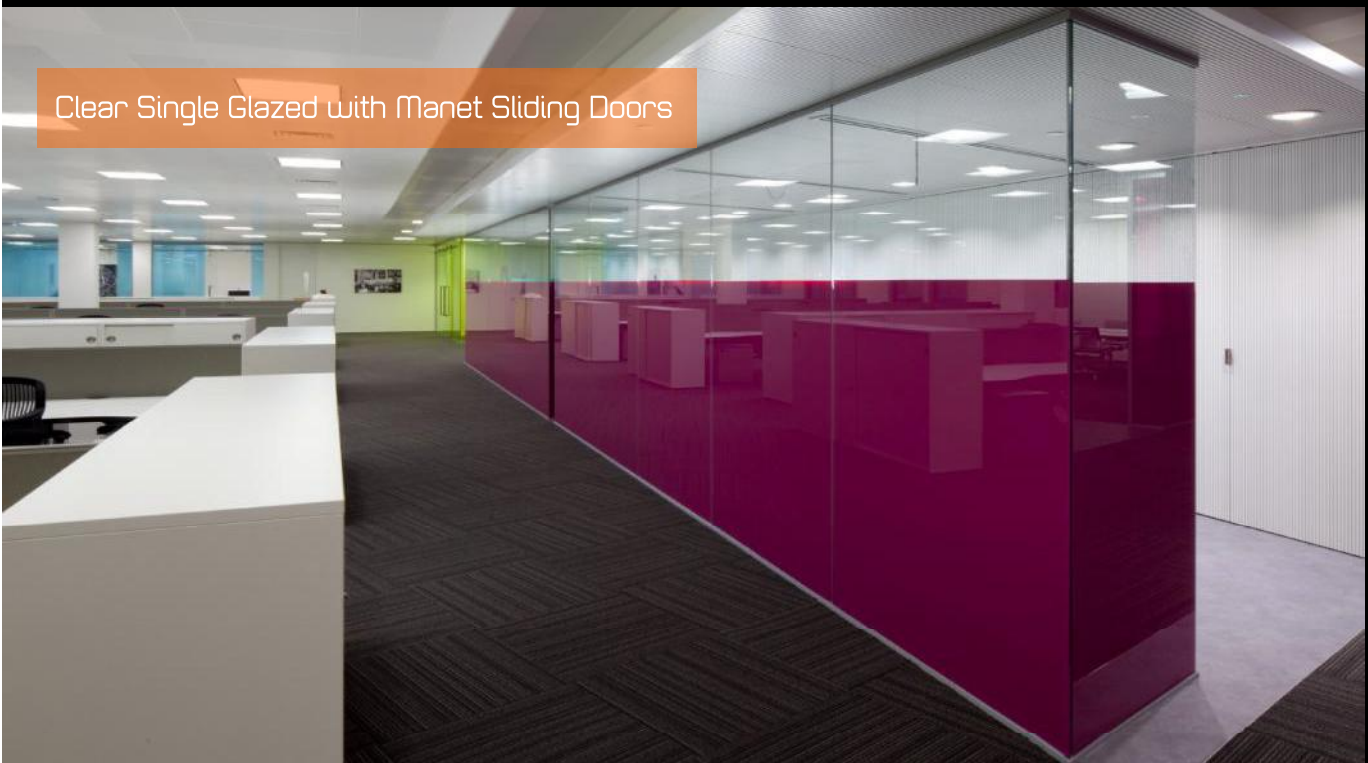


3 Way Adapter & Fusion 100 Skirting into Clear Single Glazed



Solid to Glass Reducer & Fusion 100mm Skirting into Clear Single

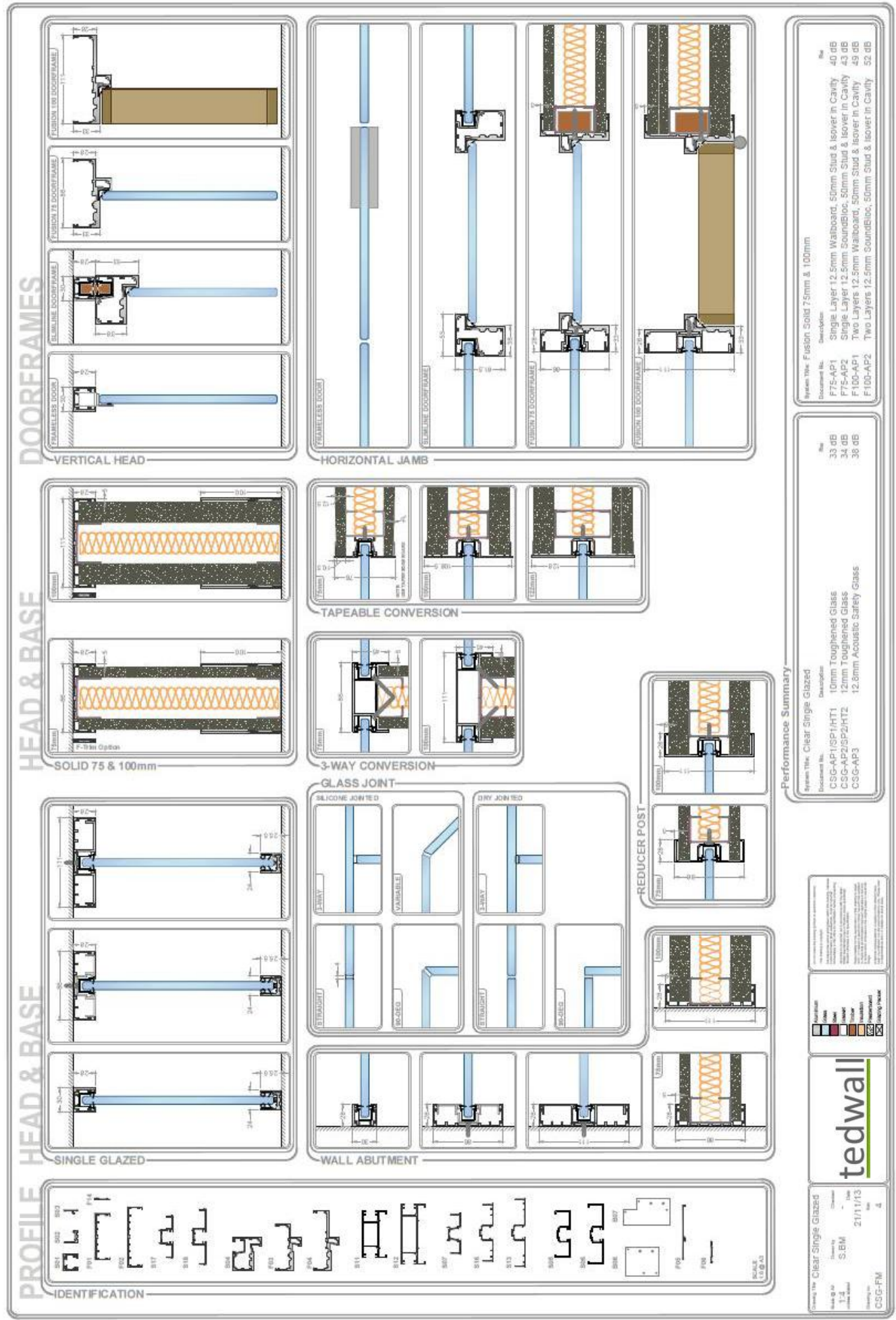
The Clear Single Glazed Partition system will accept the Slimline, 75mm and 100mm range of fusion door frames, to satisfy a wide range of aesthetic and performance requirements.



Clear Single Glazed with Manet Sliding Doors

## Performance Summary

Document No.	Description	Rw
CSG-API/SP1/HT1	10mm Toughened Glass	33dB
CSG-AP2/SP2/HT2	12mm Toughened Glass	34dB
CSG-AP3	12.8mm Acoustic Safety Glass	38dB





Clear Line 75 Double glazed & Clear Single glazed

## Clear Line 75 & 100 Double Glazed Partitions

Clear Line 75 & 100 provide a clean flowing, mullion free partition system in a choice of widths.

The Clear Line system shares all the componentry of the Clear Double Glazed system, with the mullion removed and the Fusion Dry Joint introduced.

Utilising the Fusion Dry Joint, the system can accommodate a choice of glass depths to meet a wide range of acoustic performances.



Clear Line 100 Double Glazed with Full Height Doors



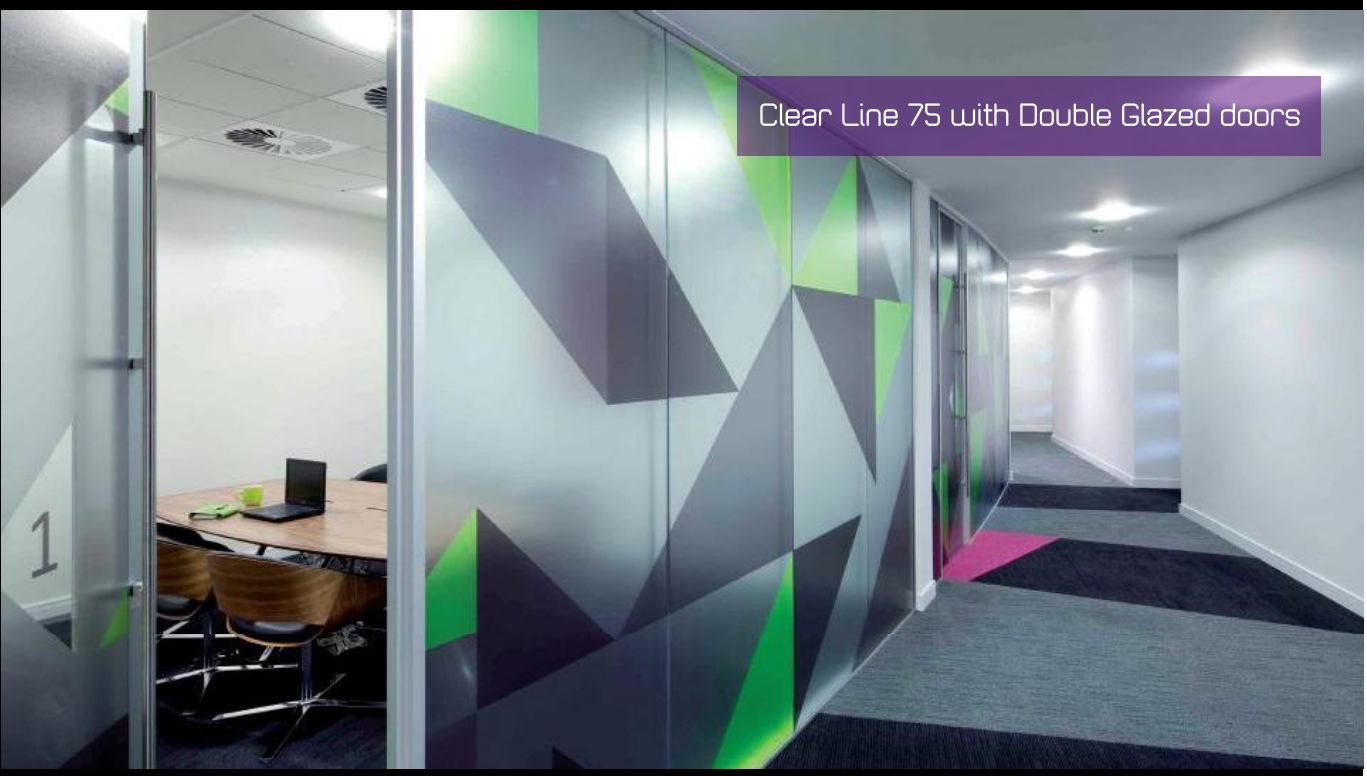
Clear Line 75mm Three Way Converter Head



100mm Solid to 75mm Double Glazed reducer



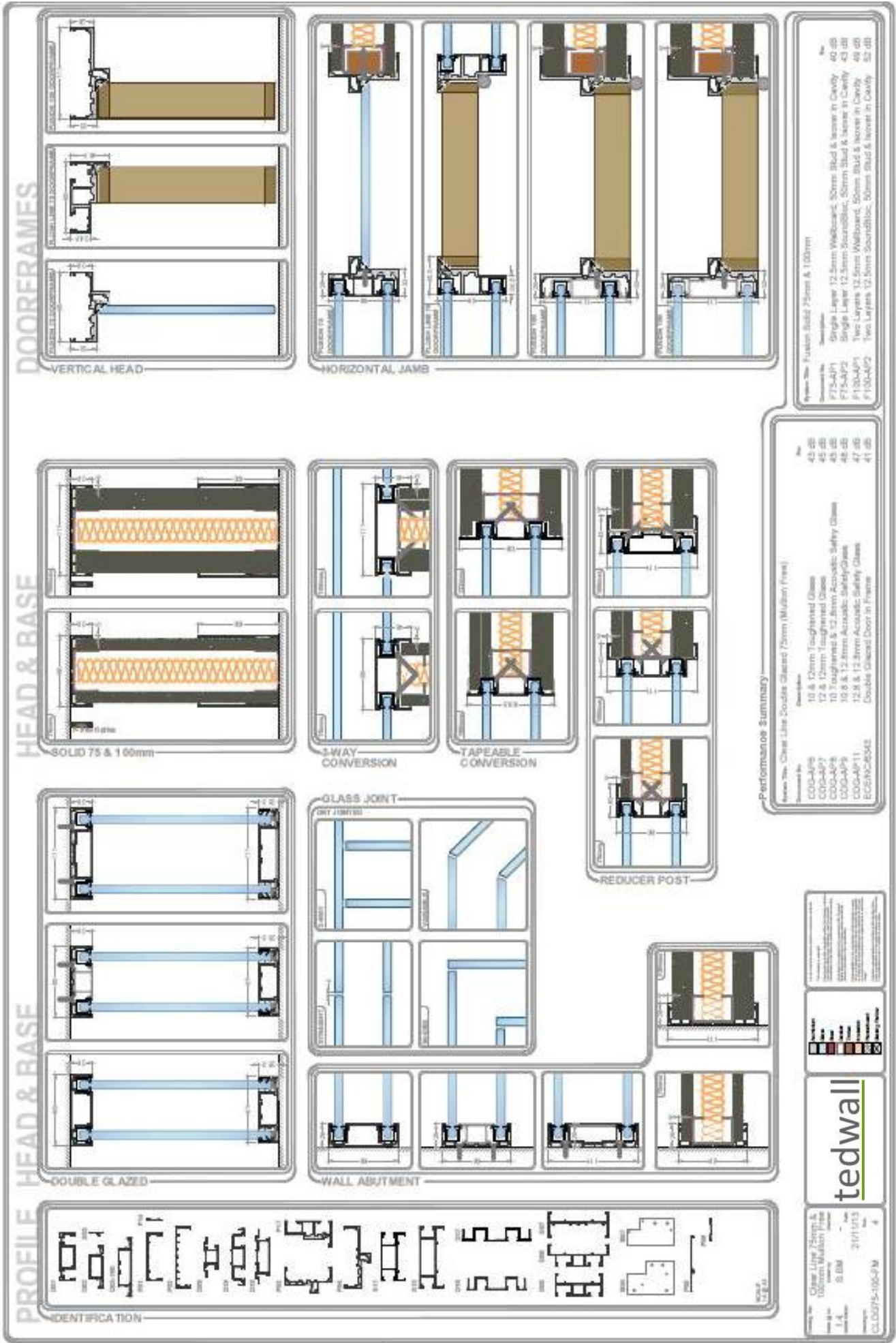
The Three Way Converter Head and Solid to Double Glazed Reducer both increase the flexibility of the Clear Line Partition System whilst preserving the overall aesthetic look.



Clear Line 75 with Double Glazed doors

### Performance Summary

Document No.	Description	Rw
CSG-AP3	12.8mm Acoustic Safety Glass	38dB
CDG-AP6	10 & 12mm Toughened Glass	43dB
CDG-AP7	12 & 12mm Toughened Glass	45dB
CDG-AP8	10mm Toughened & 12.8mm Acoustic Safety Glass	45dB
CDG-AP9	10.8 & 12.8mm Acoustic Safety Glass	48dB





## Clear Double Glazed Partitions

The Clear Double Glazed partition system shares many of the components of the Clear Line 75 system.

The addition of a slimline internal mullion enables the partitions to accommodate a blind control for integrated venetian blinds.

Clear Double Glazed accepts a wide range of glass permutations from 6mm x 6mm upwards.







Blind Control Detail



Mullion & Base Detail

With its slimline mullion suiteing through to the same dimensions as the Clear Single Glazed framework, Clear Double Glazed provides an uninterrupted link to the entire fusion range.

Clear Double Glazed is the ultimate acoustic solution.



...with Manifestation



## Performance Summary

Document No.	Description	Rw
CDG-AP3	6mm & 10mm Toughened Glass	42dB
CDG-AP4	10mm Toughened & 12.8 mm Acoustic Glass	45dB
CDG-AP5	10.8mm & 12.8mm Acoustic Glass	49dB

### PROFILE IDENTIFICATION

### HEAD & BASE

**DOUBLE GLAZED**

**GLASS JOINT**

**SLIDING JOINTED**

**DRY JOINTED**

**WALL ABUTMENT**

### HEAD & BASE

**SOLID 75 & 100mm**

**3-WAY CONVERSION**

**REDUCER POST**

**TAPEABLE CONVERSION**

### DOORFRAMES

**VERTICAL HEAD**

**HORIZONTAL JAMB**

**Performance Summary**

Product No.	Clear Double Glazed (With Mullion)	U <sub>g</sub>	g <sub>10</sub>
CDG-AP2	10 & 8mm Toughened Glass	1.2	42 dB
CDG-AP4	10 & 12.5mm Acoustic Safety Glass	1.1	45 dB
CDG-AP5	10 & 8 & 12.5mm Acoustic Safety Glass	1.0	48 dB
CDG-AP15	12.5 & 8 & 12.5mm Acoustic Safety Glass	0.9	48 dB

Product No.	Acoustic	U <sub>g</sub>	g <sub>10</sub>
F75-AP1	Single Layer 12.5mm Wellbeard, 50mm Stud & Spacer in Cavity	1.1	40 dB
F75-AP2	Single Layer 12.5mm SoundBloc, 50mm Stud & Spacer in Cavity	1.0	43 dB
F100-AP1	Two Layers 12.5mm Wellbeard, 50mm Stud & Spacer in Cavity	1.0	48 dB
F100-AP2	Two Layers 12.5mm SoundBloc, 50mm Stud & Spacer in Cavity	0.9	50 dB



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