

# Revolution 100

## Product Summary



**Optima**  
ClearThinking



# Revolution 100

## Product Summary



## Product facts

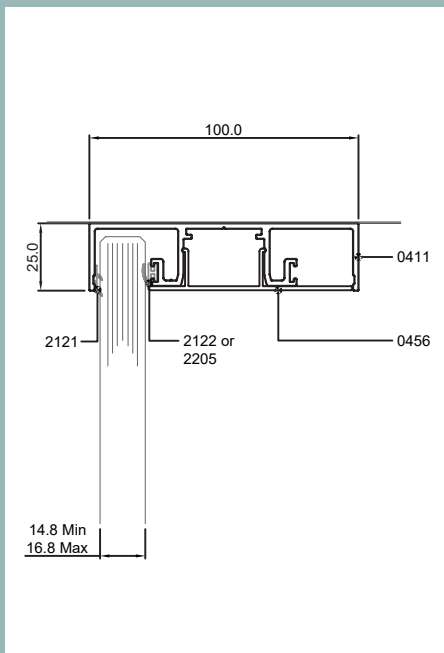
- High acoustic mullion-free glazed partition system
- Can be single or double glazed
- Dry jointed and fully demountable
- Aluminium framework
- Numerous door options including 100mm thick Elite Series
- Manufactured at Optima's UK factory in Bath

## Acoustics

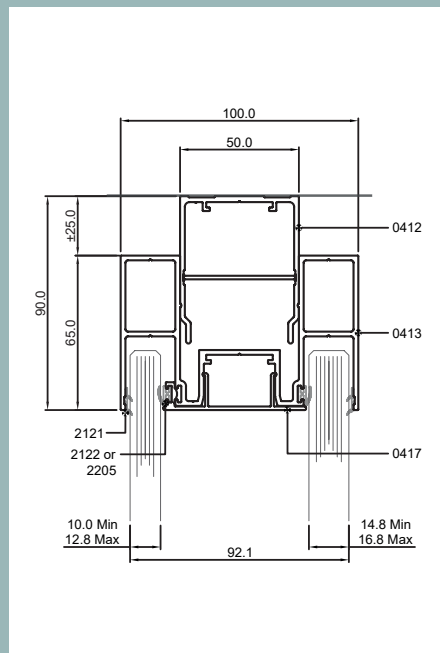
- Maximum tested acoustic rating of Rw53dB double glazed using 2 x 16.8mm acoustic laminated glass and Rw40dB single glazed using 16.8mm acoustic laminated glass

## Deflection

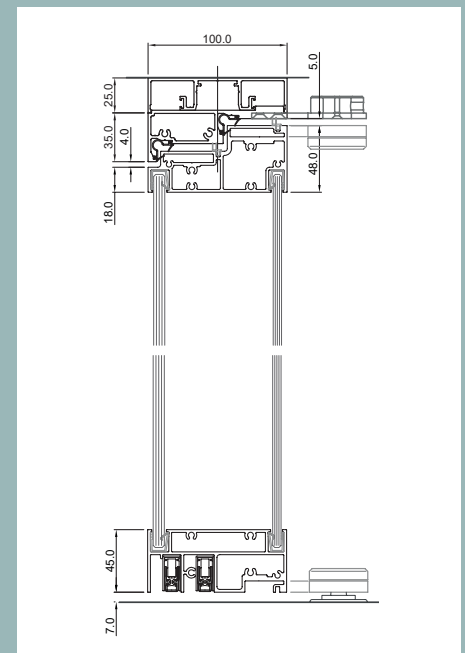
- Can accommodate up to  $\pm 40$ mm deflection



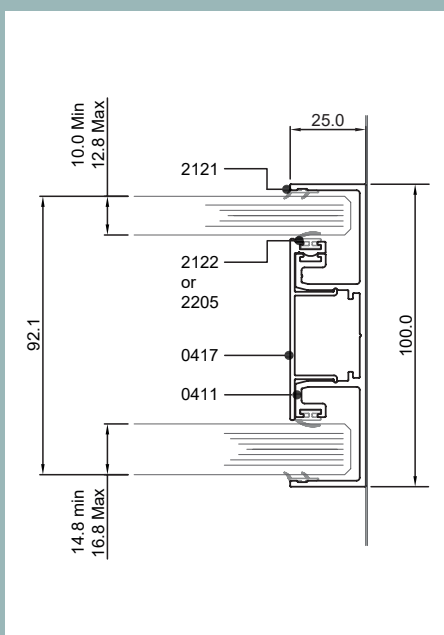
25mm head track single glazed



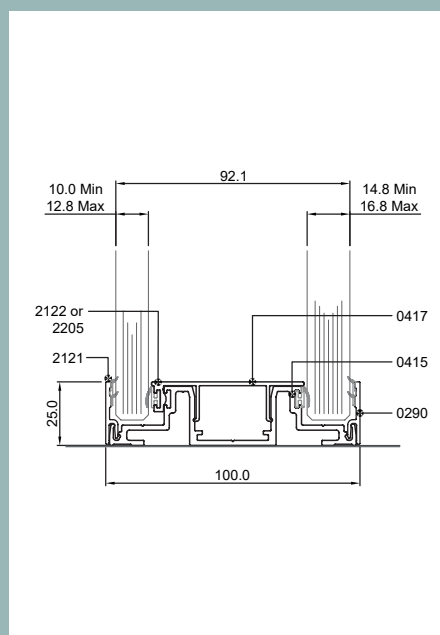
Head track with inner upper channel  $\pm 25$ mm deflection double glazed



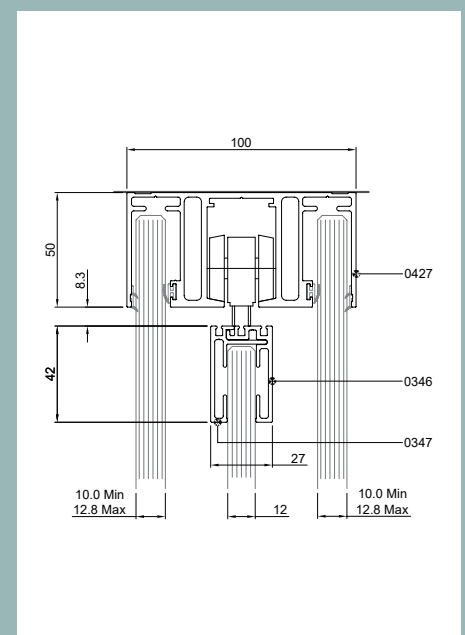
Vertical section D660 door frame and Elite Symmetry 100mm door with pull handles



25mm abutment double glazed



25mm floor track double glazed



Elite Aero Sliding Door with 50mm head track



## Product overview

<b>System type</b>	Offset single glazed or double glazed
<b>Head detail</b>	Standard aluminium head channels 100mm x 25mm or 100mm x 50mm
<b>Base detail</b>	Standard aluminium base channels 100mm x 25mm or 100mm x 50mm
<b>Deflection head options</b>	2-part internal deflection head: ±25mm - 90mm deep aluminium outer channel ±40mm - 135mm deep aluminium outer channel 2-part external deflection heads: ±25mm - 94mm deep aluminium outer channel ±40mm - 140mm deep aluminium outer channel
<b>Door options</b>	Revolution 100 aluminium door frame profile is compatible with Axile Clarity, Edge Symmetry, Edge Affinity, Edge Flush, 44mm/54mm thick timber door. Elite Symmetry and Elite Affinity are 100mm thick doors designed exclusively for Revolution 100. Elite Aero sliding door slides between the glass panels.
<b>Glass thickness</b>	Single and double glazed: Minimum thickness 10mm toughened glass, maximum thickness 16.8mm acoustic laminated glass. Thickness subject to panel width, height and acoustic rating.
<b>Maximum screen height</b>	3000mm subject to build configuration and access into building, using 12.8mm laminated glass. Greater heights up to 4m can be achieved with 16.8mm laminated glass. Please speak to our Technical Team for advice.
<b>Glass to glass joint options</b>	Nebula <sup>®</sup> , aluminium, ghost and taped dry joints available
<b>Acoustic rating</b>	Single glazed: Rw34dB - 12mm toughened glass Rw38dB - 12.8mm acoustic laminated glass Rw40dB - 16.8mm acoustic laminated glass Double glazed: Rw49dB - 10.8mm acoustic laminated glass + 12.8mm acoustic laminated glass Rw51dB - 12.8mm acoustic laminated glass + 12.8mm acoustic laminated glass Rw53dB - 16.8mm acoustic laminated glass + 16.8mm acoustic laminated glass Further test certificates available upon request Doors: Elite Symmetry - Rw43dB Elite Affinity - Rw45dB Elite Aero - Rw39dB



# Optima

Courtyard House  
West End Road  
High Wycombe  
Buckinghamshire  
HP11 2QB

t +44 (0) 1494 492 725  
[www.optimasystems.com](http://www.optimasystems.com)