

Revolution 54

Product summary



Optima
ClearThinking

Revolution 54

Product summary



Product facts

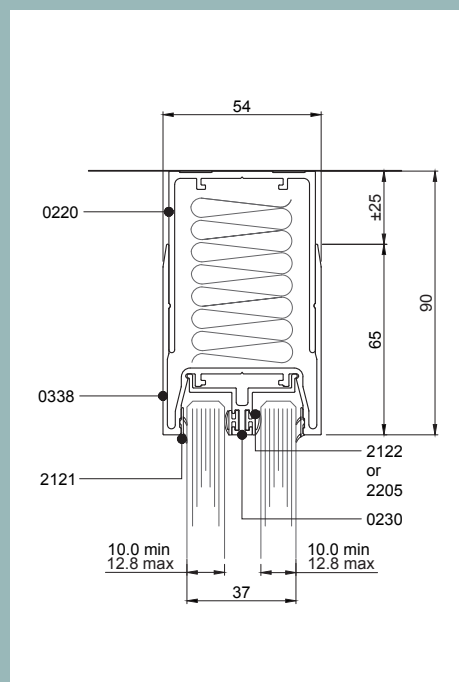
- Slimline mullion-free double glazed system
- Dry jointed and fully demountable
- Aluminium framework
- Fully integrates with Revolution 54 single glazing and Optima 117 plus single glazing
- Numerous door options
- Manufactured at Optima's UK factory in Bath

Acoustics

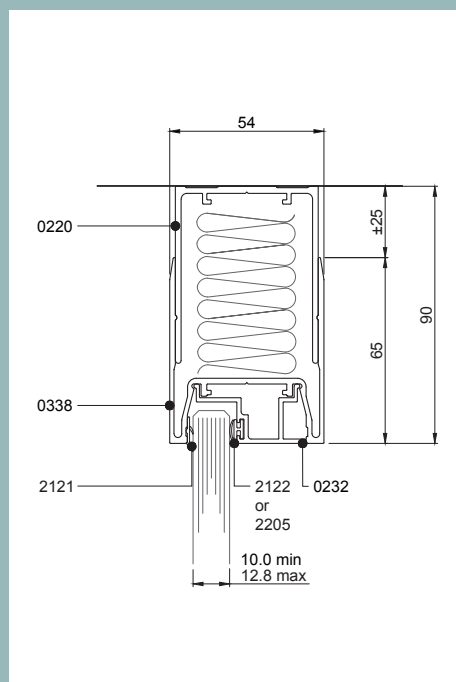
- Maximum tested acoustic rating of Rw45dB using 2 layers of 12.8mm acoustic laminated glass in multi-module screen

Deflection

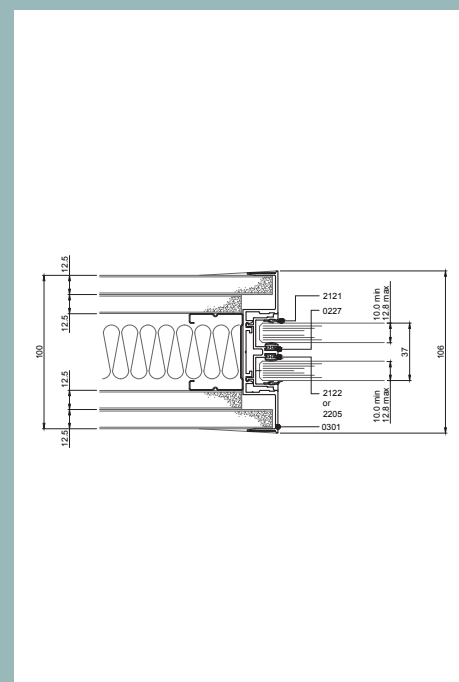
- Can accommodate up to $\pm 40\text{mm}$ deflection



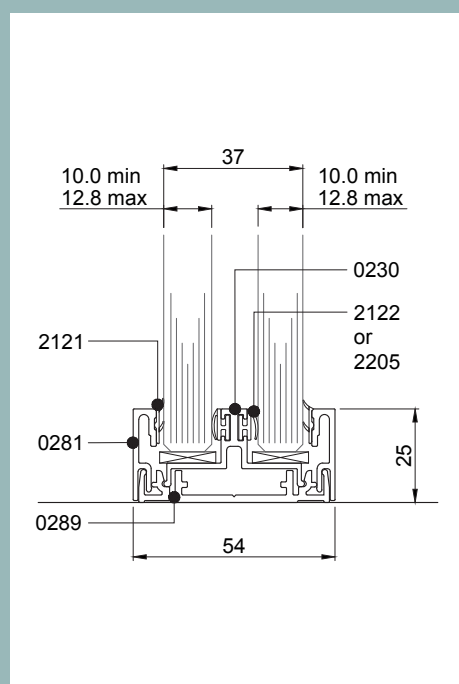
Double glazed head track with inner upper channel ± 25 deflection



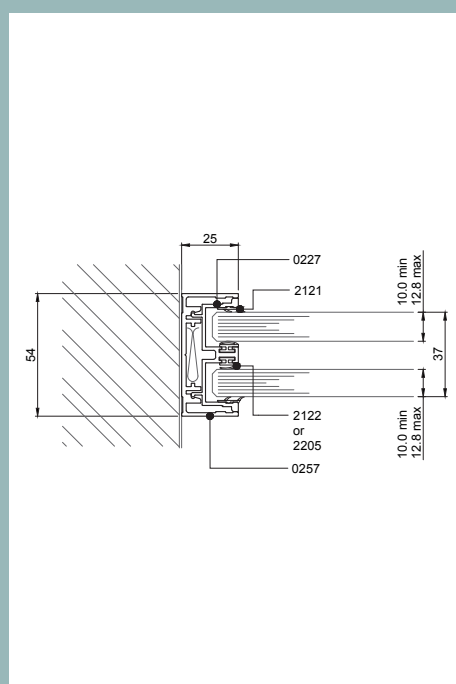
Single glazed head track with inner upper channel ± 25 deflection



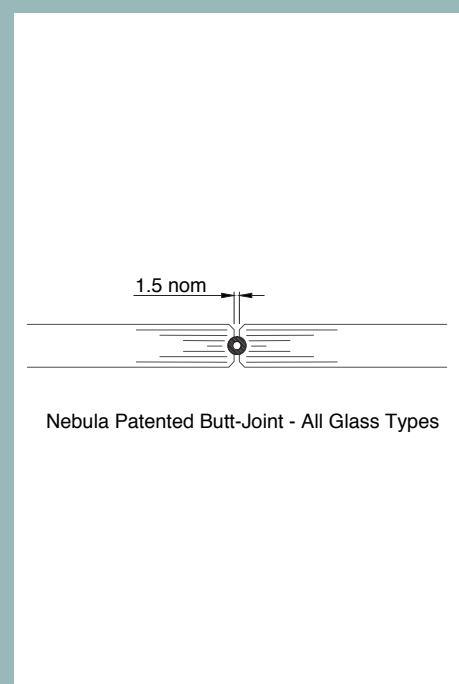
Tapeable glazing bar double glazed, double boarded



Double glazed floor track
25mm flush clip



Double glazed 25mm
wall abutment



Glass to glass Nebula™
patented joint dry joint

Product overview

System type	Single glazed (offset or centrally glazed) or double glazed
Head detail	Standard aluminium head channels 54mm x 25mm or 54mm x 50mm
Base detail	Standard aluminium base channels 54mm x 25mm flush clip or 54mm x 50mm flush clip
Deflection head options	2-part internal deflection head: ±25mm – 90mm deep aluminium channel ±40mm – 135mm deep aluminium channel 2-part external deflection heads: ±25mm – 94mm deep aluminium channel ±40mm – 140mm deep aluminium channel
Door head detail	Head clip available for deflection and non-deflection glazing channel to accept door leaf
Door options	Compatible with Axile Clarity, Edge Symmetry, Edge Affinity, Edge Flush Bond, 44mm/54mm timber door
Glass thickness	Single and double glazed: Minimum thickness 10mm toughened glass, maximum thickness 12.8mm acoustic laminated glass. Thickness subject to panel width, height and acoustic rating
Maximum screen height	Maximum ceiling height 3000mm subject to build configuration and access into building
Glass to glass joint options	Nebula, TM aluminium, ghost and taped dry joints available
Acoustic rating	Single glazed: Rw33dB – 12mm toughened glass Rw38dB – 12.8mm acoustic laminated glass Double glazed: Rw41dB – 12mm toughened glass + 12.8mm acoustic laminated glass Rw45dB – 12.8mm acoustic laminated glass + 12.8mm acoustic laminated glass in multi-module screen Further test certificates available upon request



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