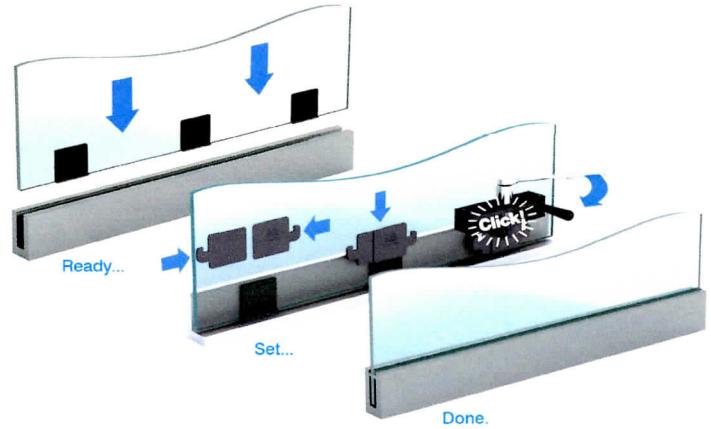


Test date: 20th May 2013



## Freestanding glass barrier Tested To BS6180:2011

Ref: CRLTL0017

### Components

Clamping rail: C.R.L TAPERLOC® B5S10D (surface mounted aluminium base shoe profile).  
 Glass: 12 mm Single Pane Toughened Monolithic Glass.  
 TAPERLOC® wedges: Spaced at 300 mm centres  
 Handrail: Continuous (as described in BS 6180:2011)  
 Top rail continuously seated, or through glass fixed rail with minimum two connector brackets per pane not more than 1000 mm apart.

**Intended load resistance:** 0.36 kN/m line load, 0.25 kN/m concentrated load, 0.5 kN/m<sup>2</sup> uniform load.

### Test sample

Pane size: 1100 mm wide x 1195 mm high.  
 Clamping rail position: Bottom edge of profile installed at finished floor level.  
 Load application: 1100 mm above finished floor level.

### Test results

Load	Results
0.36 kN/m line load applied across whole width of pane	Deflection 15.4 mm
0.25 kN concentrated load applied at centre of width of pane	Deflection 10.3 mm
0.54 kN/m line load applied across whole width of pane	No failure, no permanent distortion
0.38 kN concentrated load applied at centre of width of pane	No failure, no permanent distortion

### Range of applicability

Suitable for any pane width greater than 450 mm, provided there is a continuous handrail.  
 Suitable for pane heights up to 1500 mm above finished floor level, subject to a wind load resistance check if used externally.

### Usage constraints

Not appropriate if mounted with the top edge of the clamping rail more than 10 mm below finished floor level.  
 TL5X10 TAPERLOC® wedges installed at 300 mm are required to meet the BS6180:2011 loadings.

Signed



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