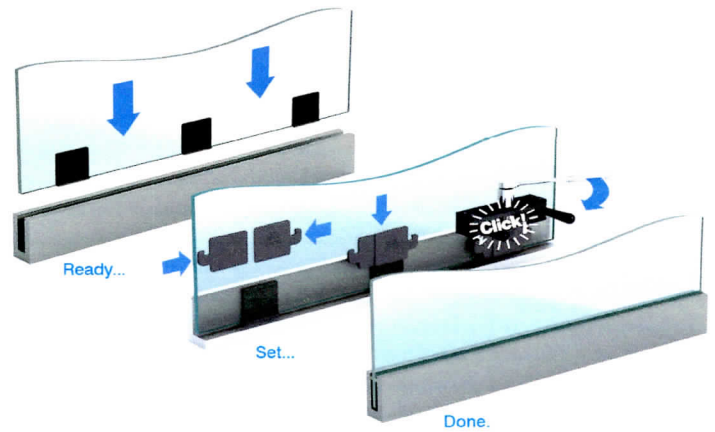


Test date: 20th May 2013

## Freestanding glass barrier Tested To BS6180:2011

Ref: CRLTL0015



### Components

Clamping rail:	C.R.L TAPERLOC® L25S10D (surface mounted aluminium base shoe profile).
Glass	25.5 mm laminated toughened glass comprising of 2 plies of 12 mm toughened glass laminated with a 1.52 mm PVB (Polyvinyl Butyral Interlayer).
TAPERLOC® wedges	Spaced at 230 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:** 1.5 kN/m line load, 1.5 kN/m concentrated load, 1.5 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
1.5 kN/m line load applied across whole width of pane	Deflection 24.0 mm
1.5 kN concentrated load applied at centre of width of pane	Deflection 24.6 mm
2.25 kN/m line load applied across whole width of pane	No failure, no permanent distortion
2.25 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.  
LTL10X TAPERLOC® wedges installed at 230 mm are required to meet the BS6180:2011 loadings.

Signed



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**TAPER-LOC X**  
DRY GLAZE RAILING SYSTEM

Patent No. 8,122,654