

ONLEVEL



FLAMELESS

FIRE RATED GLASS BALUSTRADES

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Fire Rated Glass Balustrades

Want to add glass balustrades to a residential or commercial project over 11 metres?

The system (including glass) fully complies with approved document B December 2018, using A2, s1-d0 rated glass (2 panels of fully thermally toughened glass and a nanocomposite gel). It is fully impact rated (pendulum test) to EN 12600 and achieves highest 1B1 rating.

Benefits of our Flameless Fire Rated Glass Balustrade

- | Fully conforms to approved document B
- | BSEN13501-1-2007+A1 2009 & 2018
- | Reaction to fire classification
- | Load and design requirements:
 - BS6180:2011 – Barriers around buildings
 - BS8579:2020 – Balcony & Terrace Design
- | Dry Glazed from a one side install
- | 23mm thick glass
- | Glass warranty – 10 years

Changes to Approved Document B – Fire Safety

The amendments to Approved Document B bans the use of all combustible materials on the external face of residential buildings (including buildings which have rooms for residential purposes) over 11 metres in height.

To be compliant, all materials must achieve a fire classification of A1 or A2, s1-d0 in full accordance with BS EN13501 entitled ,fire classification of construction products and building elements. Classification using test data from reaction to fire tests (ISBN 9780 0580 59861 6), published by the British standards institution on 30th March 2007 and amended in November 2009.



LOAD CONFIRMED – 0.74kN

Systems:


TL 6020 with all parts
TL 3010 with all parts
TL 6021 with all parts
TL 3011 with all parts

Profile	Loading	Test onto	Thickness	Type	Glass height	Glass width
10.6020.00x.xx	0,74 kN / m	Concrete	23 mm	Heroglass HFSB 23	1300mm (from top of profile 1100mm)	1000 mm
10.3010.00x.xx	0,74 kN / m	Concrete	23 mm	Heroglass HFSB 23	1300mm (from top of profile 1100mm)	1000 mm
10.6021.00x.xx	0,74 kN / m	Concrete	23 mm	Heroglass HFSB 23	1300mm (from top of profile 1100mm)	1000 mm
10.3011.00x.xx	0,74 kN / m	Concrete	23 mm	Heroglass HFSB 23	1300mm (from top of profile 1100mm)	1000 mm
Skyforce 16.1011.019.xx	0,74 kN / m		19 mm	19 mm	1100mm	2500 mm
Skyforce-16.1011.015.xx	0,74 kN / m		15 mm	15 mm	1100mm	2100 mm

***All system with Fix fit 23mm Heroglass HFSB 23 – 90.0405.123.00 (5-meter sets) & 90.0425.123.00 (25-meter sets)



PROJEKT: ONE FORTY WEST (T-REX), Frankfurt, Germany



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