ONLEVEL
FLAMELESS
FIRE RATED GLASS BALUSTRADES

FLAMELESS

Fire Rated Glass Balustrades

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
- 15mm, 19mm and 23mm thick glass
- Glass warranty – 10 years

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.

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.

Fusing Form and Fire Security:
Tailored Glass Balustrades for Your Unique Architectural Vision

Our commitment to safety and style revolves around recognizing each project's uniqueness. We understand that no two buildings are alike, and their safety measures should match their architectural design.

Enter our innovative solution: meticulously crafted glass balustrades that offer both aesthetic elegance and robust fire security.

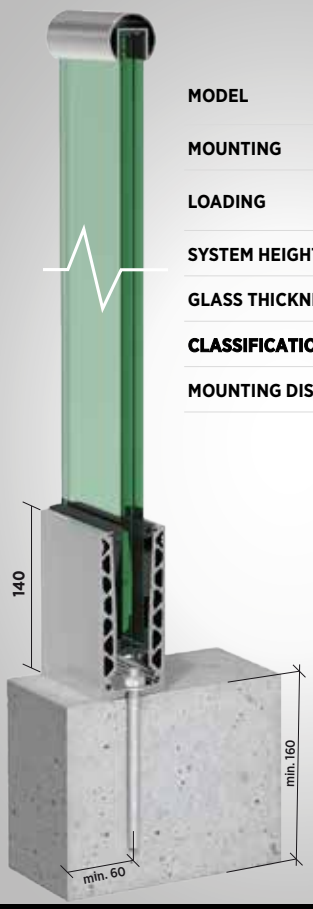
In a world where design and functionality blend seamlessly, we offer a wide range of options to meet your project's specific needs. Our selection includes various systems tailored to diverse architectural visions and safety requirements. Our promise is to empower you to transform spaces into secure havens and stunning works of art.

Choose from our premium assortment of systems, each designed to address your project's demands. Whether it be our top fix, side fix, F-Type or Y-Type base channel, each provides a secure attachment without compromising the glass's panoramic allure, seamlessly combining form and function, showcasing our engineering precision.

But our customization goes beyond form and structure. It's about aligning with your vision and making it a reality.
With our range of options, you have creative freedom to ensure your project's specifications and aesthetic preferences are met precisely.

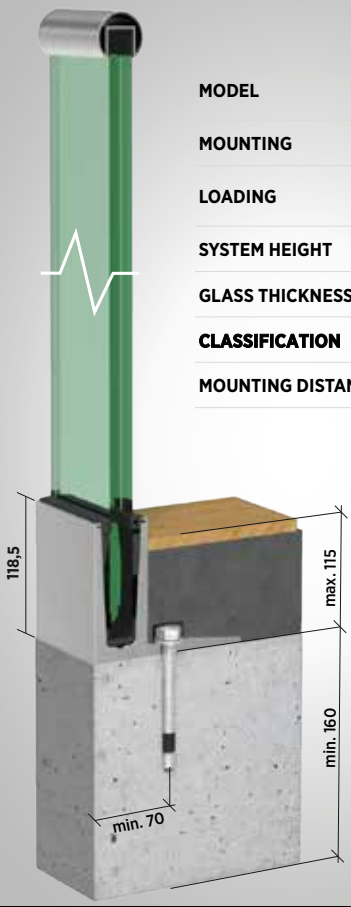
As guardians of modern architecture, we take pride in offering more than just fire security. We provide the tools to bring your vision to life, creating spaces where safety seamlessly integrates with style. So, when you think about your next project, remember that we provide not just glass balustrades but also peace of mind, innovation, and the promise of a secure and beautiful future.

TRANSLEVEL PROFILES YOU CAN USE FOR FLAMELESS SYSTEM

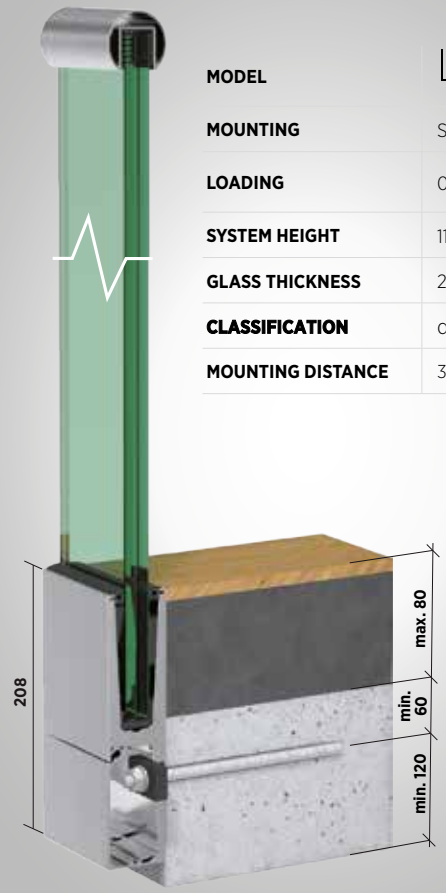


MODEL	TL6020
MOUNTING	TOP
LOADING	0.74kN
SYSTEM HEIGHT	1100 mm
GLASS THICKNESS	23 mm
CLASSIFICATION	A2,s1-d0
MOUNTING DISTANCE	200 mm

MODEL	TL6021
MOUNTING	SIDE
LOADING	0.74kN
SYSTEM HEIGHT	1150 mm
GLASS THICKNESS	23 mm
CLASSIFICATION	A2,s1-d0
MOUNTING DISTANCE	200 mm

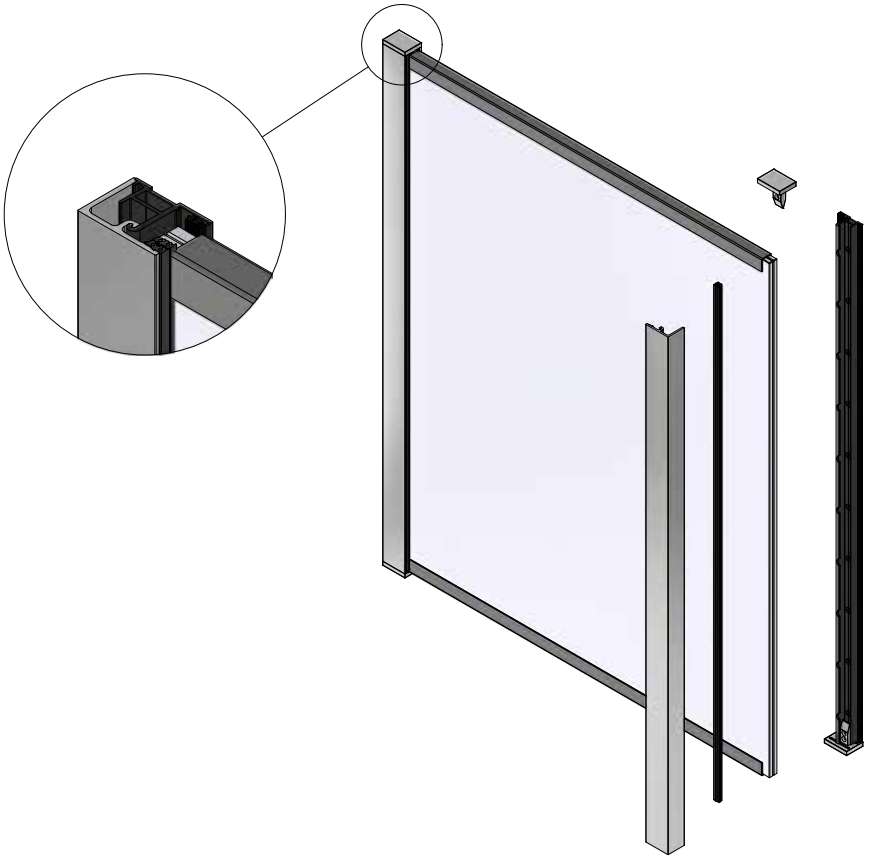


MODEL	TL3010
MOUNTING	TOP F
LOADING	0.74kN
SYSTEM HEIGHT	1100 mm
GLASS THICKNESS	23 mm
CLASSIFICATION	A2,s1-d0
MOUNTING DISTANCE	360 mm



MODEL	TL3011
MOUNTING	SIDE Y
LOADING	0.74kN
SYSTEM HEIGHT	1100 mm
GLASS THICKNESS	23 mm
CLASSIFICATION	d0
MOUNTING DISTANCE	360 mm

SKYFORCE SOLUTIONS YOU CAN USE FOR FLAMELESS SYSTEM



MODEL	SKYFORCE TOP
MOUNTING	TOP
LOADING	1.50kN
SYSTEM SPAN	2500 mm
SYSTEM HEIGHT	1100 mm
GLASS THICKNESS	19 m
CLASSIFICATION	A2,s1-d0

MODEL	SKYFORCE TOP
MOUNTING	TOP
LOADING	1.50kN
SYSTEM SPAN	2100 mm
SYSTEM HEIGHT	1100 mm
GLASS THICKNESS	15 m
CLASSIFICATION	A2,s1-d0

WE ARE HERE TO HELP YOU

For any technical assistance with your fire-rated glass balustrade specifications, please feel free to reach out to our dedicated architectural sales team. Where we can provide the support and guidance you need.

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