



FIRE-RATED
GLASS BALUSTRADES

SABCO[®]
SADEV BALUSTRADE CONCEPT

KEEP SABCO ADVANTAGES JUST IMPROVE YOUR PERFORMANCE

BENEFITS

- ▶ **Non-combustible fire safety glass solution** for your **glazed balcony projects over 11m**
- ▶ Aluminium frame and railing for a **100 % custom finish to suit your project** (anodised, powder coated, etc...)
- ▶ Keep all your SABCO advantages : **its fast and easy installation** system including the **1 side wedge**, all the tools to level your rail (levelling tools, shims...) and an efficient **glass alignment** solution with the **height adjustment wedge**
- ▶ Tested with approved glass to **BS6180** and **achieved 0.74kN and 1.5kN** loading requirements



TESTED AND APPROVED FIRE RATED STANDARDS

▶ BS EN13501 class A2-s1, d0	▶ BS 6180 Barriers in and about buildings	▶ Comply with EN 14449 Standards for laminated safety glass and EN 12150-1 requirements for toughened soda lime silicate safety glass.
▶ Classification EW	▶ Conform with Building Regulation Documents B	
▶ Reaction to fire A2-S1, d0	▶ EN 12600 – 1B1 classification	



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FIRE-RATED GLASS BALUSTRADES

WHAT DO THESE TESTS INVOLVE?







This compliance **with EN13501 certifies that glass balustrades meet specific fire safety standards**, ensuring the safety of buildings and helping to prevent the spread of fire in case of an emergency.

SABCO glass balustrades must demonstrate a certain level of fire reaction, meaning they must be able to resist to fire exposure for a specified period without significant contribution to fire growth or spread.

The glass railings have been tested **to limit flame spread, heat release, and smoke production when exposed to fire**.



Tested and validated with the following configurations :

PROFILE	TYPE OF MOUNTING	APPLICATION HEIGHT	TYPE OF WEDGES	FIXING THE PROFILE	TYPE OF GLASS	PERFORMANCE
 7030FR*	Floor	1100mm from the floor	Double Side (4/lm)	200mm	"Pyroguard glass T-EW/23-1 (23mm)"	0.74kN
 7030FR*	Built-in	1100mm from the top of the profile	Double Side (4/lm)	200mm	"Pyroguard glass T-EW/25-1 (25mm)"	0.74kN
 7031FR*	Side	1100mm from the top of the profile	Double Side (4/lm)	200mm	"Pyroguard glass T-EW/25-1 (25mm)"	0.74kN
 7011FR*	Side	1100mm from the top of the profile	One Side Fixed (6/lm)	200mm	"Pyroguard glass T-EW/25-1 (25mm)"	0.74kN
 7010FR*	Floor	1100mm from the floor	One Side (4/lm)	200mm	"Pyroguard glass T-EW/23-1 (23mm)"	1.5kN
 7010FR*	Built-in	1100mm from the top of the profile	One Side Fixed (4/lm)	200mm	"Pyroguard glass T-EW/25-1 (25mm)"	1.5kN

* ref 70XXFR : SABCO FIRE-RATED

Need help with your project ? Contact us : info@sadev.com and sales@balustradesuperstore.co.uk.

