

THE OUTDOOR LOOK

Technical Compliance & Safety Standards

At The Outdoor Look, we take structural integrity and user safety seriously. All our balustrade systems are designed and engineered to meet the latest UK building regulations and best practices for outdoor applications.

We work closely with material specialists and design engineers to ensure that our products not only look stunning but also perform to the highest safety standards. Below are the key British Standards our balustrade systems are built to comply with:

BS EN 12150 – Toughened Safety Glass

All our glass panels are manufactured using thermally toughened soda-lime-silicate safety glass, as defined in **BS EN 12150**. This means:

- The glass has undergone a specialised heat treatment process to increase its impact resistance and strength.
- In the unlikely event of breakage, the glass fragments into small, blunt pieces, reducing injury risk.
- Each panel meets dimensional accuracy, thickness tolerance, fragmentation performance, and optical quality standards set by the regulation.

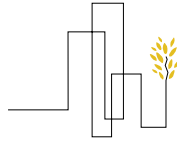
In practice: Our glass balustrades are strong enough for external balconies, garden decking, terraces, and stairways, offering both protection and peace of mind.

BS 6180:2011 – Barriers in and About Buildings

The structure and assembly of our balustrade systems are designed in line with **BS 6180:2011**, the UK Code of Practice governing the design, load-bearing performance, and safety of permanent barriers.

Key features include:

- Load-bearing performance: Our systems are engineered to resist horizontal, point, and uniformly distributed loads — suitable for domestic, commercial, and leisure environments.
- Deflection limits: Supports are designed to remain within safe deflection tolerances under stress.
- Safety gap: All systems ensure a maximum gap under 100mm, meeting safety requirements to prevent child entrapment.



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- Minimum height: Supplied systems meet or exceed the 1100mm minimum handrail height for raised platforms.

Whether you're a homeowner, installer, or specifier, you can be confident that your balustrade solution is compliant, durable, and secure.

Supporting Documents & Drawings

- All systems are supplied with detailed CAD drawings, showing post spacing, glass thickness, and mounting specifications.
- Load-bearing specifications are available upon request for trade or architectural submissions.
- If you require technical data sheets or test documentation for building control, our team will be happy to provide this.

Suitable for:

- Elevated decking and patios
- Roof terraces and balconies
- External staircases
- Holiday homes and leisure sites

Questions?

If you need help selecting the right system or require compliance documentation for your project, get in touch with our team — we're happy to assist.