

TECHNICAL SPECIFICATION

**CLEARLINE STRUCTURAL GLASS
TOUGHEND GLASS in accordance with
BS EN 12150 1(C)1.**

We currently offer two systems:

1. for 0.74kN/m horizontal (uniformly distributed) load - min. thickness 15mm
2. for 1.5 N/m horizontal (uniformly distributed) load - min. thickness 19mm

To assess which building categories this covers please refer to Table 4 of BS 6399-1.

LOW IRON GLASS option is available, offering a noticeably clearer panel than standard clear float glass.

OPTIONAL HEATSOAKING can accelerate crystallisation, reducing the risk of potential breakages when glass is in situ.

CHANNEL BASE is extruded from 6063 T6 aluminium and can be top, flush or side fixed directly to a suitable structure. Top and side fixed bases can be capped or cloaked.

TOP RAIL is oval or tubular top rails in powder coated aluminium (6063 T6) providing a warm touch finish in cold winter conditions in accordance with clause 5.10.1 of BS 8300.

ELAN SEMI-STRUCTURAL GLASS

Powder coated aluminium balustrade precision engineered from aluminium alloy to BS1474:1987 (6063 T4 & T6).

All balustrade is manufactured in accordance with BS 6180:2011 and with procedures approved to BS EN ISO 9002:1994.

Balustrades can be designed to suit the following Kn/m loadings: 0.36, 0.74, 1.5, 3.0.

The systems satisfy Fire Officer requirements.

Not suitable for raked installations.

CLEANING & MAINTENANCE INSTRUCTIONS

CLEANING

All surfaces require periodic washing down with soap and warm water, and finally drying off with a clean cloth.

POLISHING

Final finish to be applied using silicone spray-on polish and rubbing down with a dry clean cloth.

GLASS PANELS

Clear glass panels should be regularly washed down with warm soapy water. This also applies to obscured glass panels.

DAMAGE

Should the surface of powder coated balustrade systems become heavily scratched or cut, specialist attention will be required in order to repair or replace.



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