

## ASD Fineline Orangery and Winter Garden System



- Unique Victorian style
- The first steel window with concealed sash
- Maximises transparent area
- Excellent thermal performance
- Weather performance is compliant with new European standards
- Coating and anti-corrosion treatment complies with BS standard
- Decorative espagnolettes in traditional, modern or classic styles
- Single or double-glazed units from 6 to 32 mm thick.

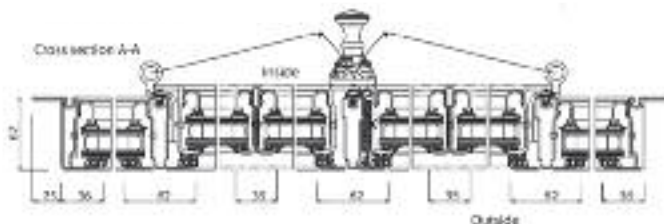


### Thermal performance

A thermal break is no longer necessary in order for a window to have very good insulation, which was confirmed by the study carried out by the CEBTP, the French building and Civil Engineering Research Establishment, on the FINELINE range. This window does not have any thermal break but it offers excellent thermal performance - comparable with systems that do utilise such a break.

This performance is due to Fineline's "slimline concealed sash" design, which considerably minimises thermal bridges

and increases the glazed area. Furthermore, by not using thermal breaks, it allows steel's fine characteristics and strength to be exploited to its full potential. The incorporation of thermal breaks would impair its attractiveness, rigidity and strength. In order to prevent condensation on the frame, it is important that the enclosures formed by FINELINE structures are properly ventilated.



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