

Solinear Solex Halo 100 Solar Shading System – Specification Advice

Manufacturer:	<p>Solinear Limited Units 18-20 Alan Farnaby Way Sheriff Hutton Industrial Park Sheriff Hutton York, YO60 6PG</p> <p>Telephone: 01347 879046 Email: mail@solinear.co.uk Web: www.solinear.co.uk BIM: www.solbim.co.uk</p>
Product Name:	Solex Halo 100 Solar Shading System
Product Description:	Versatile vertical or horizontal fin screening system suitable for Solar shading or façade enhancement applications. Suitable for architectural purposes on most building types.
Fin Profile/Pitch:	<p>‘X’ Nr OFF Halo 100 (100mm x 26mm) elliptical profile fins nominally pitched @ 100mm (other pitches available) vertical/horizontal centres. Projection determined by profile size. Fitted back to appropriate structure either directly or using support brackets at required centres to suit shading service loads.</p> <p>Halo system to be supplied in pre-assembled cassettes or in “kit form” to allow installation on site and interfacing with supporting structure.</p>
Fin Orientation:	Halo fins typically set at 90, 45 or 30 degrees.
Material:	<p>Halo profiles are extruded from 6063:T6 aluminium alloy and finished to required specification.</p> <p>Support bracketry is fabricated from galvanised steel to project requirements and to accommodate service loads.</p>
Construction:	Supplied in assembled panels or in “kit form” to be installed back to structure in accordance with Solinear design drawings.
Finishes:	Aluminium components Polyester Powder Coated to BS EN 12206-1. 2004/BS6496 to RAL/BS colour range to all aluminium components.
Fixings:	<p>Halo system to be installed in line with manufacturer’s instructions by a competent installer using either stainless steel, galvanised mild steel, BZP fixings to appropriate size and installation arrangement and fixing substrate demand. All fixings and fasteners to be supplied self-coloured, unpainted.</p> <p>Fixings as recommended by Solinear Ltd standard range for this Halo system with packers and shims to be clear or coloured nylon to required bearing size suitable for installation undertaken.</p>
Accessories:	As required to achieve design intent.