2:7 FACADES

SOLAR DATA SHEET

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Brise Soleil - Solar Shading Systems

Using Two Point Seven Facades Ltd solar shading systems on your building will create a comfortable and productive environments for all building occupiers. External sunshades are the most effective method of reducing heat and glare in a building's interior. Properly designed sun controls can reduce heat gain by up to 85% whilst increasing the interior's usable space by allowing occupants to use spaces adjacent to windows.

The expanding process involves slitting and stretching the metal to create holes rather than punching them out. This provides cost savings, especially compared to other metal processing methods. For example, when perforating metals, all of the holes you see are wasted and must be paid for by you. Expanding metals is a traditional method, which complies with modern green engineering standards.

Cantilevered sunshades are ideal for both new and existing construction. They provide effective shading while maintaining unobstructed views. Projection and blade size may be varied to suit the project requirement.

Facade mounted blades are a perfect alternative for applications where greater control is required over direct sunlight. The choice of blade orientation, pitch and angle is largely determined by a combination of form and function. The form being architectural preference, the function being the amount of light cut-off required and buildings orientation.

100 ENLARGED

Product Code	SOL100	
Windloads		
angle degree	Inland 1.2KN/SqM	Coastal 1.6KN/SqM
0	3800	3800
15	4350	4350
30	4150	3900
45	3500	3250
60	2950	2725
75	2375	2200
90	2075	1925

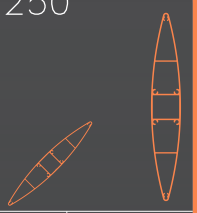
150 ENLARGED

Product Code	SOL150	
Windloads		
angle degree	Inland 1.2KN/SqM	Coastal 1.6KN/SqM
0	3800	3800
15	4750	4750
30	5000	4650
45	4200	3950
60	3450	3200
75	2650	2450
90	2075	1950

200 ENLARGED

Product Code	SOL200	
Windloads		
angle degree	Inland 1.2KN/SqM	Coastal 1.6KN/SqM
0	4500	4500
15	5700	5700
30	6100	5700
45	5150	4800
60	4200	3900
75	3200	3000
90	2500	2350

250 ENLARGED



Product Code	SOL250	
Windloads		
angle degree	Inland 1.2KN/SqM	Coastal 1.6KN/SqM
0	4800	4800
15	6100	6100
30	7000	6550
45	5900	5500
60	4800	4500
75	3700	3450
90	2900	2700

300 ENLARGED

Product Code	SOL300	
Windloads		
angle degree	Inland 1.2KN/SqM	Coastal 1.6KN/SqM
0	5600	5600
15	6900	6900
30	7800	7350
45	6600	6100
60	5400	5000
75	4150	3850
90	3350	3100

350 ENLARGED

Product Code	SOL350	
Windloads		
angle degree	Inland 1.2KN/SqM	Coastal 1.6KN/SqM
0	6000	6000
15	7400	7400
30	8650	8000
45	7250	6750
60	5900	5500
75	4600	4250
90	3700	3450

400 ENLARGED

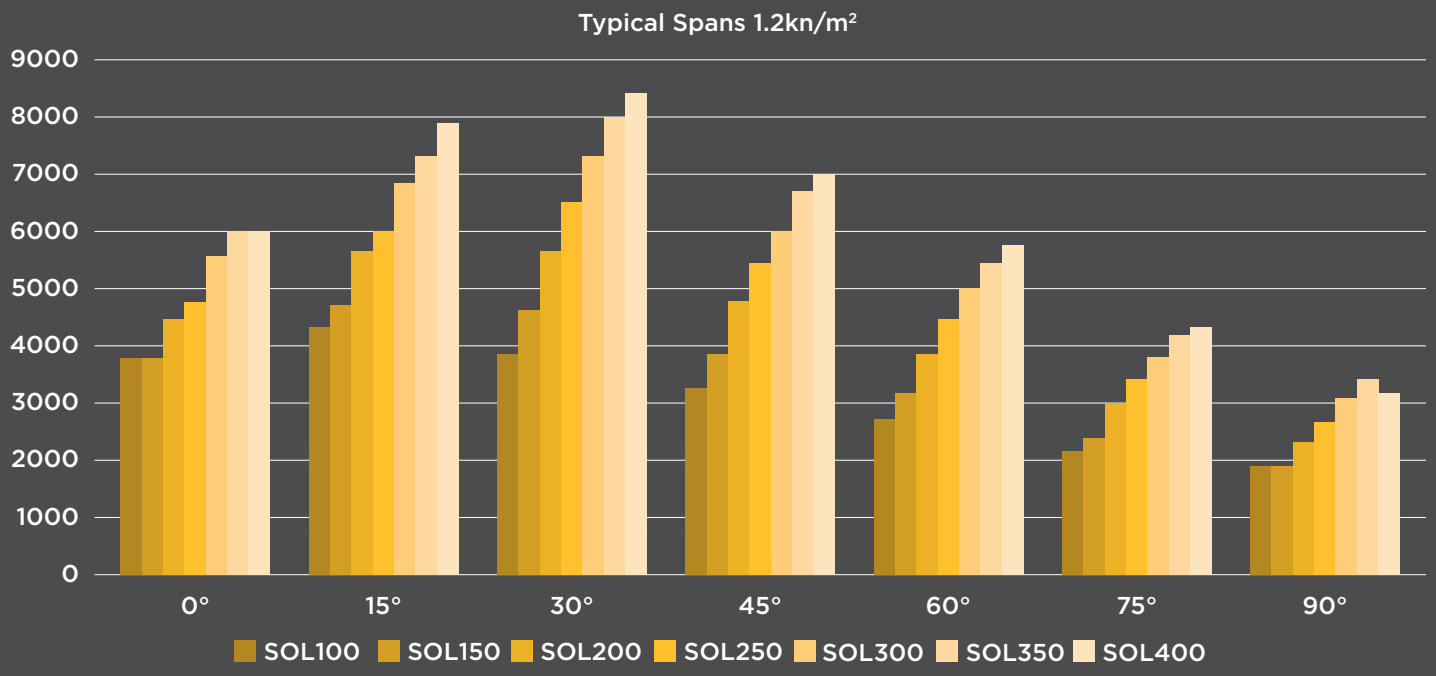
Product Code	SOL400	
Windloads		
angle degree	Inland 1.2KN/SqM	Coastal 1.6KN/SqM
0	6000	6000
15	7950	7950
30	9100	8500
45	7725	7100
60	6250	5800
75	4700	4350
90	3500	3250

Fin section blades are manufactured from extruded aluminium and are fitted with end caps, all of which can be anodised or polyester powder coated in a significant range of colours, to complement the building and its surroundings.

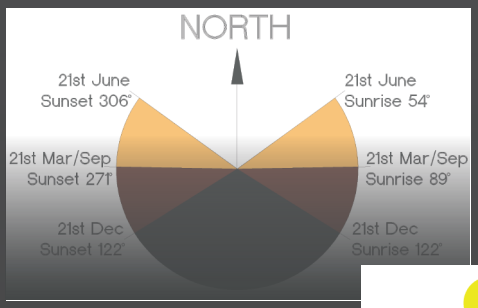
Stainless steel fixings and fasteners are used to produce a virtually maintenance and corrosion free installation.

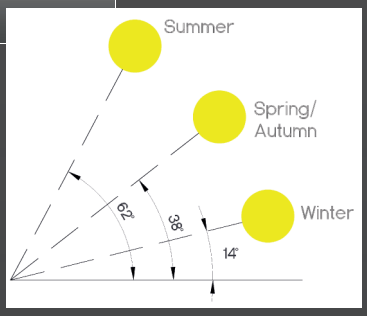
Solar Shading systems can be installed to new builds or retro fitted to existing buildings and are available in varying widths from 100mm - 400mm. Due to the flexibility of the system, we can offer bespoke design solutions to meet the specific requirements of the Architect and client.

Timber Fin Solar Shading systems are also available in various sizes and profiles.



For each project Two Point Seven Facades Ltd will provide accurate sun angle calculations, based on the location of the site and orientation of the building, to determine the most efficient position, angle and pitch for your solar shading system.





Two Point Seven Facades Ltd offer a large range of Brise Soleil systems, with industry leading performance characteristics, first class innovation, design and technical support to suit all applications.

Contact us for details:
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