

## Schermo Screens Solar Shading



# Introduction

## SOLAR SHADING

The importance of solar protection systems are being increasingly realised by architects today more than ever, as demands to optimise internal climates through energy efficiency intensifies.

External solar shading is one of the most effective means to control the internal conditions of a building.

The correct system or application has the ability to block out or adjust the amount of solar radiation, thus reducing the resultant solar heat gain entering the building, minimising ventilation requirements and reducing cooling loads.

Colt Tollfab solar shading provides designers the opportunity for architectural distinction by offering elegant solutions that are aesthetically pleasing, whilst practical in reducing the solar heat gains.



Front Cover:  
Regents Park, Sydney

This Page (From Top):  
Valencia, Homebush  
Regents Park, Sydney

Opposite Page:  
Accolade at Westmead, Sydney



“Architectural distinction  
through elegant  
solar shading solutions”



# Schermo Sunscreens

## SCHERMO SUNSCREENS

The Schermo range of sunscreens have been designed and developed in consultation with architects, to be both aesthetically pleasing and achieve functional shading outcomes.

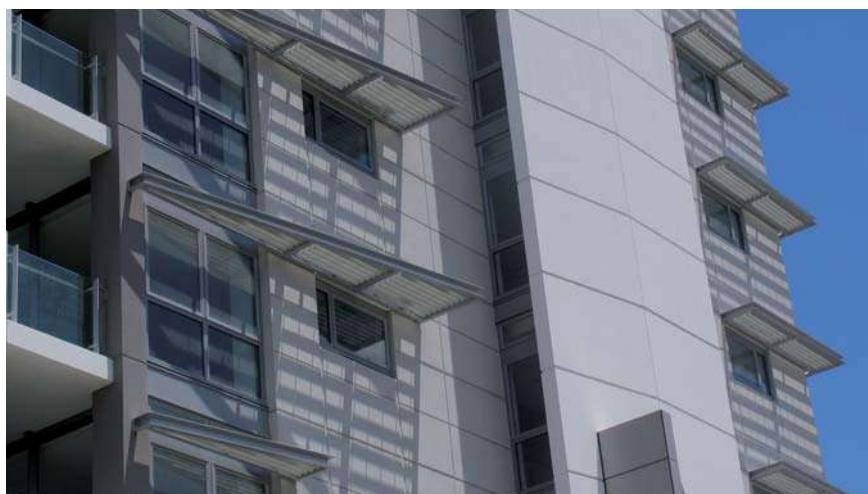
By blocking out the sun's rays, Schermo assists in managing your living environment, its temperature and energy requirements.

Schermo panels are mounted horizontally, vertically, or at an angle, to achieve the desired shading or privacy solution.

With a range of 5 blade profiles, 2 cross brace options and a variety of fixing methods, Schermo allows you to select the combination that best suits your specific situation.

### FEATURES INCLUDE:

- Range of blade and cross brace profiles
- Range of fixing options available to suit your specific installation needs
- Robust aluminium construction
- Can be framed or frameless
- Range of anodised or powdercoated finishes





“Achieve the  
shading and privacy  
outcome you require”

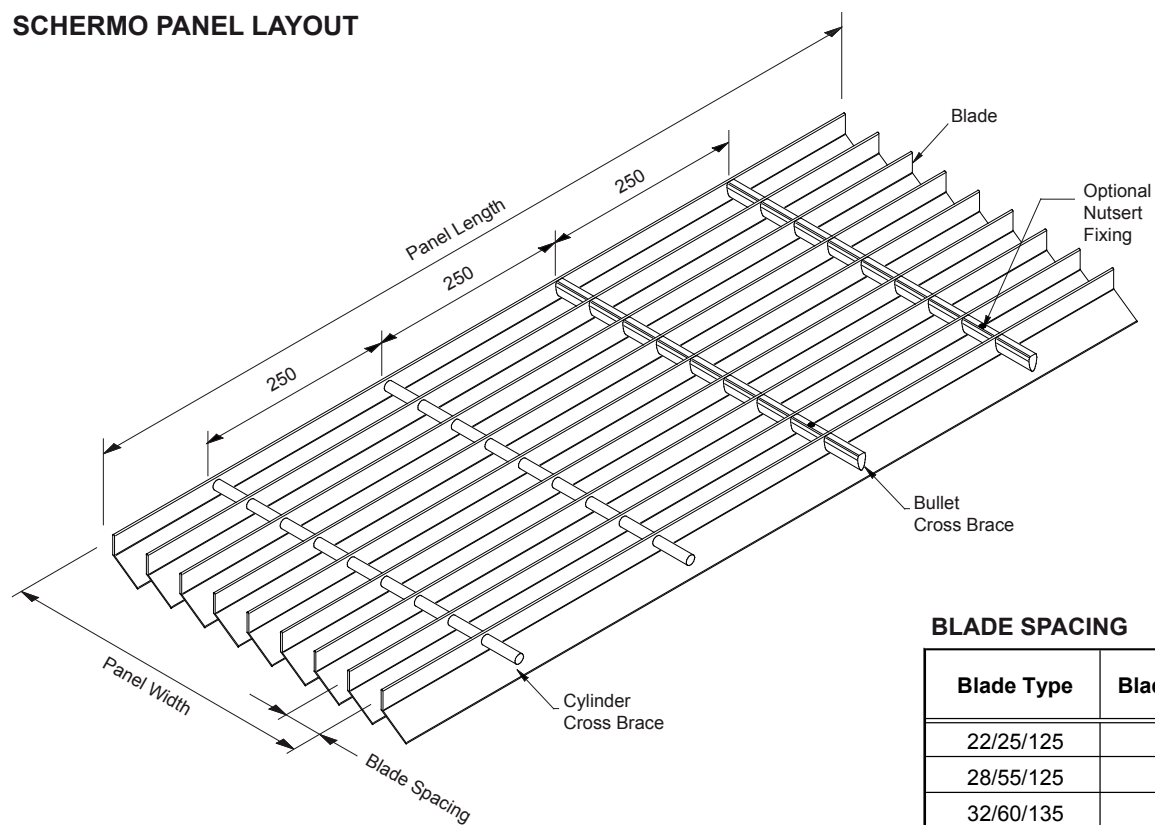
Opposite Page:  
Latitude On Lavender Bay, North Sydney

This Page (Clockwise From Below):  
Parramatta, Sydney  
Accolade at Westmead, Sydney  
Valencia, Homebush  
Ryde, Sydney  
Chatswood High School, Sydney



# Schermo Screens - Details

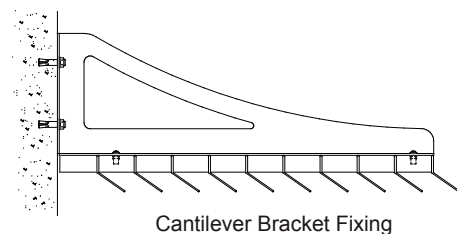
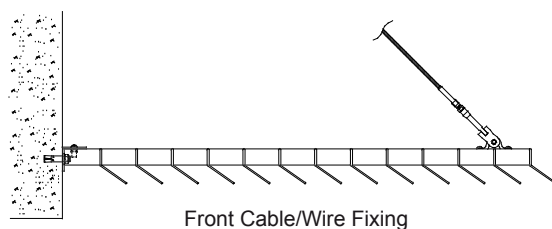
## SCHERMO PANEL LAYOUT

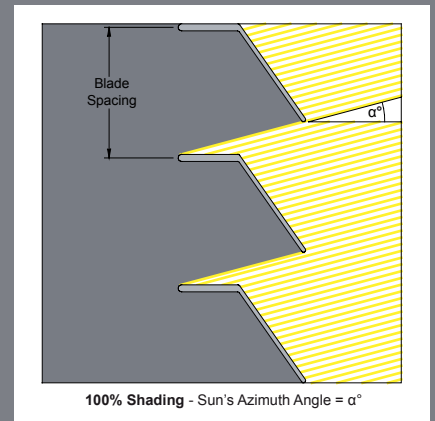
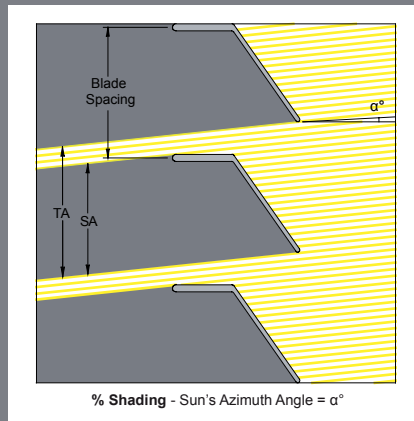


## BLADE SPACING

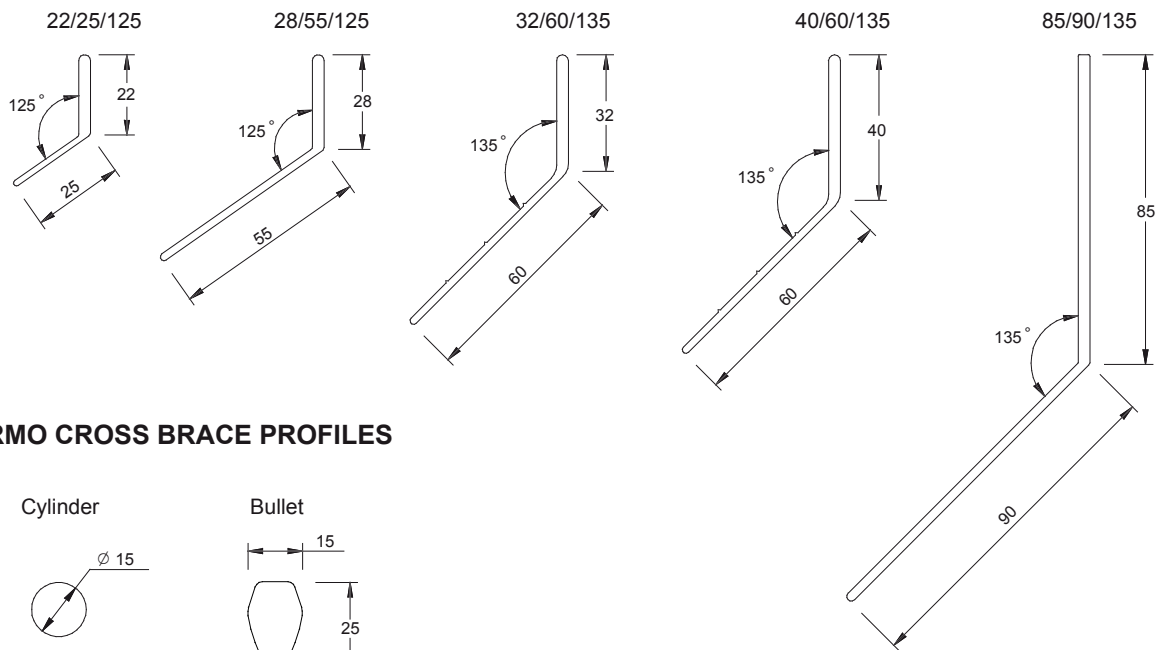
Blade Type	Blade Spacing
22/25/125	25mm
28/55/125	60mm
32/60/135	60mm
40/60/135	60mm
85/90/135	100mm

## EXAMPLE OF TYPICAL SCHERMO FIXING OPTIONS

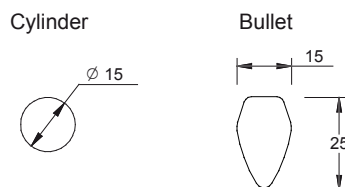




## SCHERMO BLADE PROFILES



## SCHERMO CROSS BRACE PROFILES



## HOW TO SPECIFY

### Available Product Options:

1. **Blade Type** - 22/25/125, 28/55/125, 32/60/135, 40/60/135 or 85/90/135
2. **Cross Brace Type** - Cylinder (C) or Bullet (B)
3. **Finish** - Anodised (A) "Colour" or Powdercoat (PC) "Colour"

### Example of a Schermo Sunscreen Specification:

1 2 3

**Schermo 32/60/135-B-PC**  
**"Colour"**  
 By Colt Tollfab Pty Ltd  
 P: +61 2 9828 2500

This Page:  
 Parramatta, Sydney





# Schermo Screens - Installations





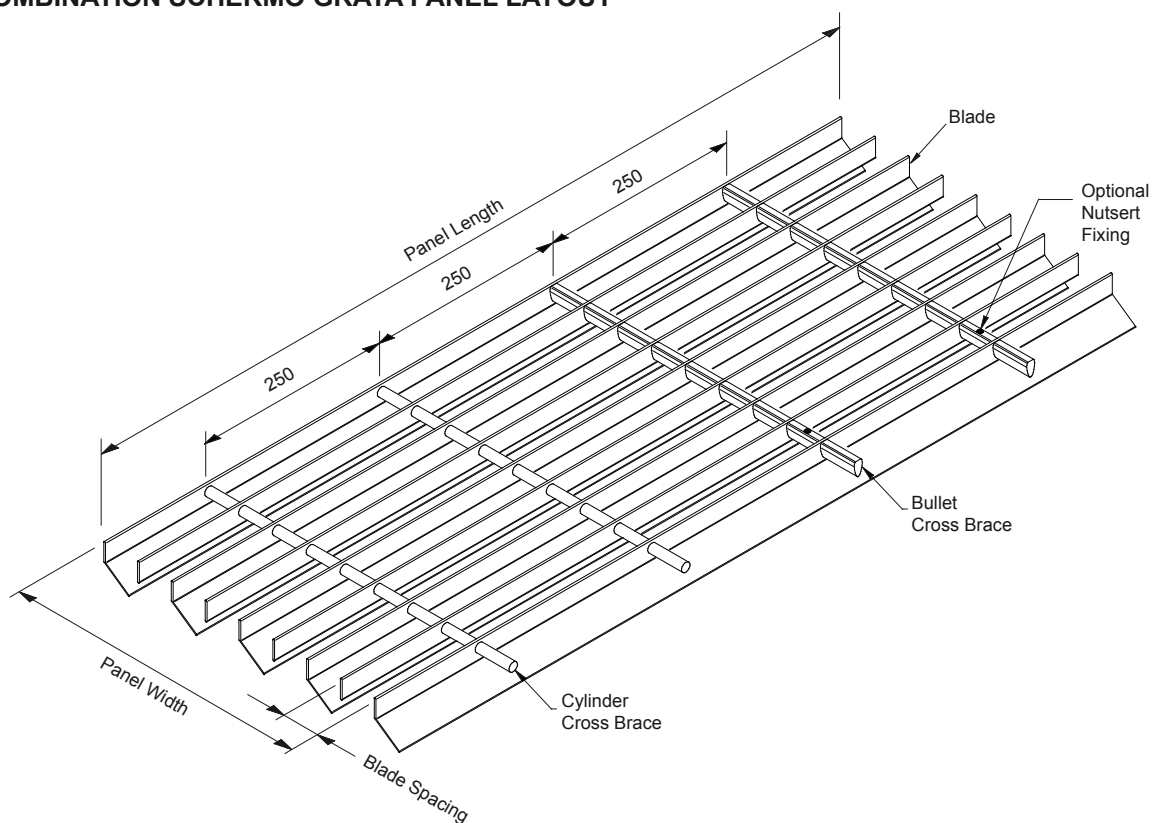
Opposite Page (Clockwise From Top Left):  
Pacific Square, Maroubra  
Valencia, Homebush  
Monte St Angelo Mercy College, North Sydney  
Regents Park, Sydney

This Page (Clockwise From Top Left):  
Oxford Square, Sydney  
Bondi, Sydney  
Ryde, Sydney  
Pacific Square, Maroubra  
Ryde, Sydney

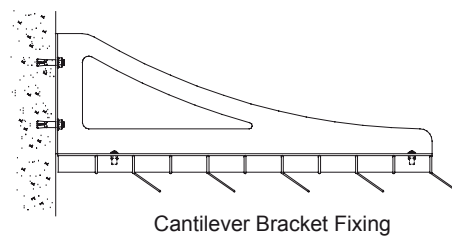
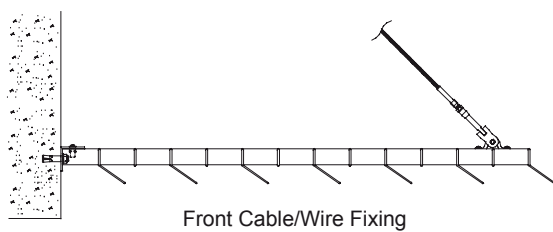


# Combination Schermo Grata Sunscreen - Details

## COMBINATION SCHERMO GRATA PANEL LAYOUT



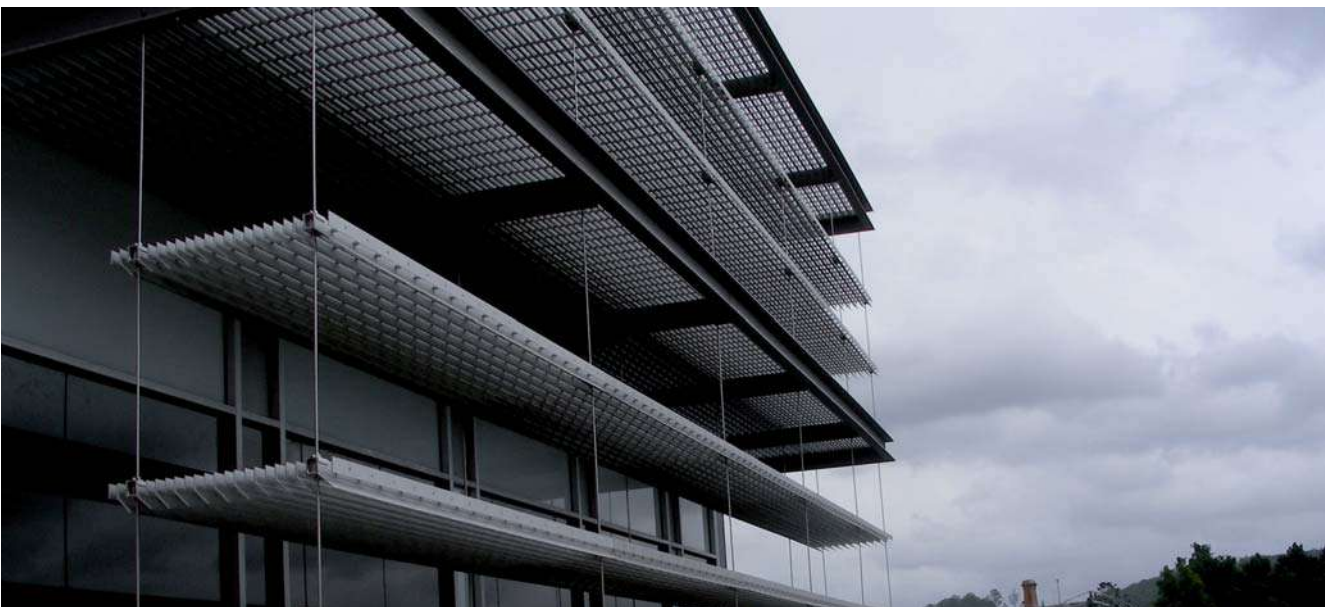
## EXAMPLE OF TYPICAL COMBINATON FIXING OPTIONS





“Achieve a higher level of  
shading by combining  
Schermo & Grata”

This Page:  
Lismore Police Station, Lismore





## COLT TOLLFAB TOTAL SERVICE

Colt Tollfab offers the full complement of specialist “whole-of-life” support to Colt Tollfab and non Colt Tollfab product and systems involved in Solar Shading, Climate Solutions, Natural Ventilation and Smoke Control.

This comprehensive service offering completes the Colt Tollfab solutions package to our customers, ensuring we provide support which delivers reliable and cost effective equipment performance, compliance to good practice and legislation and overall peace of mind.

The range of Colt Tollfab Services include;

- Project Management
- Installation & Commissioning
- Programmed Preventative Maintenance & Service to Australian Standard AS1851
- Repairs & Overhauls - Onsite & Workshop
- Onsite Equipment Survey & Report
- Complete Equipment Database Management
- Emergency Call Out
- Spare Parts

Solar Shading  
Performance Louvre  
Natural Ventilation  
Smoke Control

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