



Windsor Series[®] Aluminium Sun Shades



Louvreclad's Windsor Series[®] is a durable architectural sunscreen with excellent spanning characteristics that make it suitable for a wide range of applications.

Distinctive Features + Diverse Applications + Multitude of Benefits:

- Highly durable
- Excellent spanning characteristics
- Ideal for operable screens
- Creates an excellent facade screen
- Blades can be run continuously
- Blades can be installed horizontally, vertically or on angles, depending on your application.

Attention to Detail:

- Maximum blade span: 2400mm
- 91mm ellipsoid
- 21mm depth



**EXCELLENT SPANNING
CAPABILITIES**



Thinking outside for inside performance

DAY DESIGN

PRESSURE DROP TEST CERTIFICATE

Test 4203Q-P



Test Specimen:

Windsor Series Louvre

Test Specimen Dimensions:

1800 mm (H) x 1200 mm (W) x 64 mm (D)

Specimen Specifications:

48% Open Area per Module

Blades @ 80 mm Pitch & 45° angle

Throat Height @ 41 mm

Test Location:

Twin Reverberation Rooms

National Acoustic Laboratories

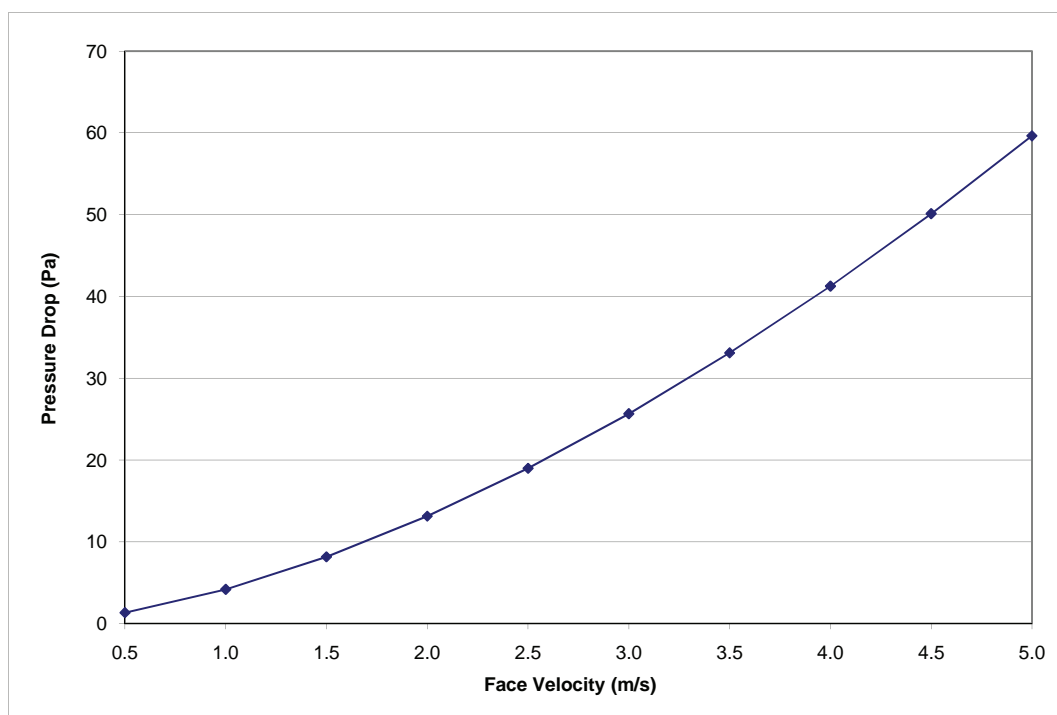

126 Greville Street, Chatswood NSW

Instrumentation:

- Vaisala Digital Barometer (Type PTB201AD)

- Kestrel Anemometer (Model K2000)

| Face Velocity (m/s) | Pressure Drop (Pa) |
|---------------------|--------------------|
| 0.5 | 1.3 |
| 1.0 | 4.2 |
| 1.5 | 8.2 |
| 2.0 | 13.1 |
| 2.5 | 19.0 |
| 3.0 | 25.7 |
| 3.5 | 33.1 |
| 4.0 | 41.3 |
| 4.5 | 50.1 |
| 5.0 | 59.6 |

Date of Test: Wednesday, 19 August 2009
Project Number: 4203Q-P

Test Engineer: Alex Li, BE(Mech) Hons
For and on behalf of Day Design Pty Ltd

DRAFT SPECIFICATION

Screens will be Louvreclad Windsor Series®. Blades will be _____
[Operable/Fixed] if fixed [state pitch] mm pitch at [state angle]° angle.

Base Material & Finish

Screens will be manufactured in [powder coated/anodised] aluminium finish in [state colour]

Operation Method [if applicable]

The operation method will be [Electric Motor/Manual winder/other - choose method]

Control System [if applicable]

Automated Control will be by [specify sensors and control system]

Accessories [if applicable]

Screens will be fitted with [nominate options/accessories from the selection].

Installation and Mounting

Installation and mounting details will be designed in accordance with proprietary systems and recommendations as designed and manufactured by Louvreclad Pty. Ltd. Phone: 1300 165 678 Email: sales@louvreclad.com

Base Material Options

- Extruded Aluminium

Finishes Available

Choose from the following range of finishes:

- complete powder coated range
- complete anodised range

Specialised coatings are also available on request.

Operating Options

If specifying operable screens please nominate the operating system from the following:

- remote winder control
- electric actuator

Accessories

Rain sensors: Screens can automatically close against rain.

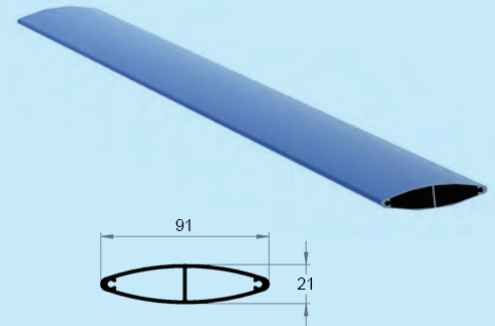
Light sensors: Optional sensor controls can be set to automatically tilt the Louvreclad screen blades to shield the building's interior from glare or direct sunlight.

Wind sensors: Wind sensors will provide additional flexibility in response to shifting weather patterns and wind gusts.

Temperature sensors: Screen controls can be set to respond to ambient interior temperatures and adjust angle and tilt to shade the interior or admit more warming sunlight.

Timers: Pre-set opening, closing and tilting configurations.

PROFILES





i WOULD YOU LIKE TO KNOW MORE?

If you have any questions about this product, or if you would like to speak to a member of our expert team about how we can tailor a solution for you, call: **1300 165 678** or visit: **louvreclad.com**