ADAS®

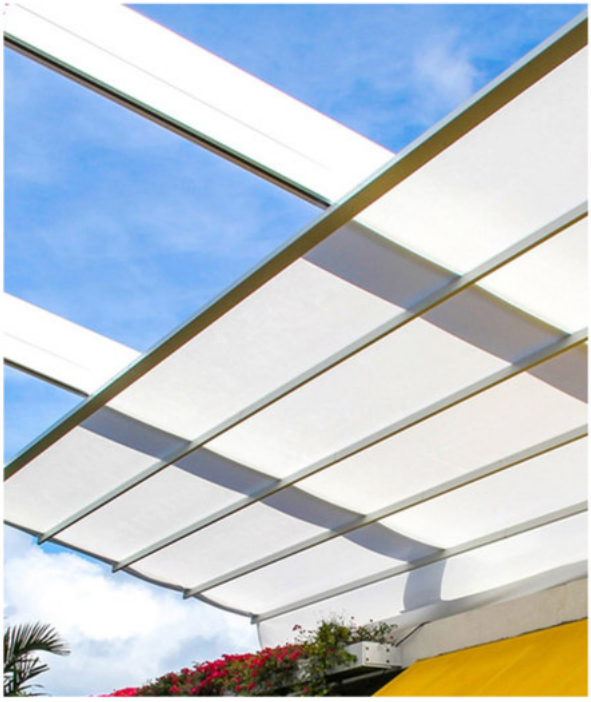
# Prisca

## System

ADAS

MULTIMEDIA ENGINEERING PTE LTD

Since 1988

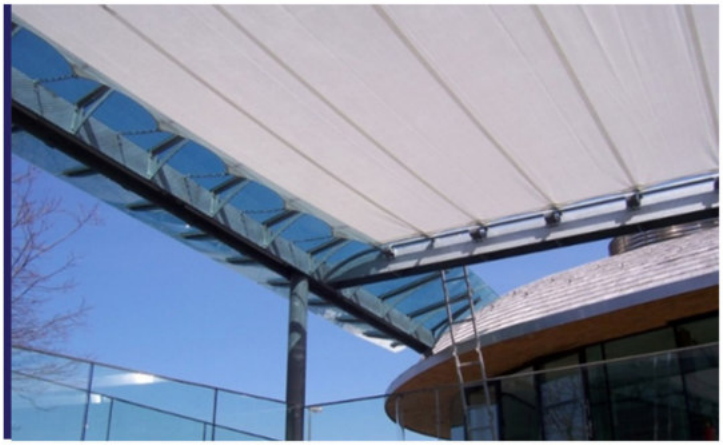


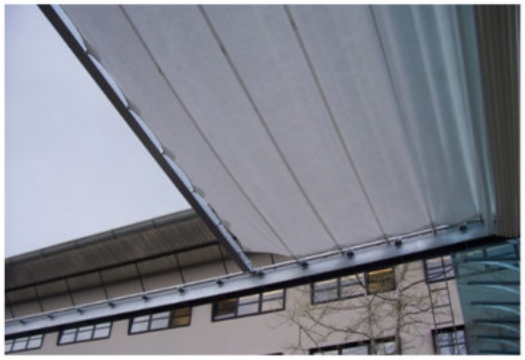
- Design and build Archi-Engineering firm,
- 35 years experience with more than 650 projects,
- Lightweight long span structure specialist.
- Low risk with tested & proven design details.
- Benefits of high level of Prefabrication:
    - Fast Erection on Site
    - Precised Fabrication
    - Good Quality Control
- Low Maintenance with non-stick roof surface.

## Why choose the ADAS® Prisca System?

ADAS® Prisca System caters to one of the latest trends in fabric roof and facade systems that have emerged to meet demands for flexible outdoor dining and entertainment spaces.

Our retractable lightweight fabric roofs enable large-span coverage that can be deployed or stored according to weather conditions, providing adaptable shading conditions that do not require intermediate support structures.





- Weather protection - Sun / Rain / Wind
- Enables natural lighting & ventilation
- Encourages growth of plants / grass
- Generates revenue through the optimisation of unusable & unprofitable spaces
- Reduces project costs by minimising GFA

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TYPE OF ADAS® PRISCA SYSTEM

## Folding Retractable Roof

- Roller Supports installed on steel frame.
- Motor brakes or locks fix the system in its final position.
- Roof form can be straight, inclined or arched
- Dimensions:
  - Width can be up to 10 m
  - Length can be up to 35 m

TYPE OF ADAS® PRISCA SYSTEM

## Sliding Retractable Roof

- Roof panels connected to drive carriages allow position changes.
- Roof panels can be parallel, trapezoidal or arched.
- This system can support single or multi-layered membranes (including ETFE cushions).
- Dimensions:
  - Width can be up to 20 m
  - Length can be up to 30 m

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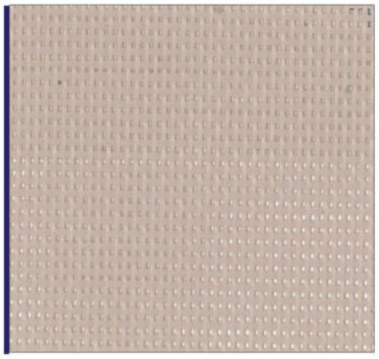
Comfort and Modernity

## Fabric Membrane Material



Micro-perforated screens protect from heat while allowing natural light transmission and preserving outward visibility.

Waterproof and luminous membranes offer a complete protection against bad weather, UV rays and glare.

Low maintenance due to anti-dirt treatment, smooth or durable matte blackout membrane surfaces.

Colours and transparency are UV-resistant and ensure a long-lasting aesthetic quality.

ADVANCED WEATHER PROTECTION

## Sensors and Additional Features

### Controls

Sensors and motor functions can be integrated with each control system to control and regulate operating conditions. In addition, ADAS® offers a variety of options such as weather sensors, remote displays, and access for remote diagnostics.

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## Retractable roofs for outdoor courtyards

ADAS® Prisca System retractable roofs create opportunities for outdoor events in any weather condition.

Our lightweight membranes can be deployed to shelter open-air spaces at the press of a button, or even be automated with the inclusion of weather sensors, such as for sunlight, wind and rain.

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# ADAS®
# PRISCA SYSTEM

ADAS® Prisca System is a custom-designed retractable roof system that can be opened and closed based on user requirements. This allows for adjustable amounts of sunlight and ventilation, particularly within enclosed spaces, while providing effective shading from harsh sunlight and rainy conditions when needed.

We offer a wide variety of fabrics that can be incorporated into retractable, folding or sliding systems.

ADAS® Prisca System can also be integrated with environmental sensors such as for rain, wind and daylight to create automated systems that bring greater convenience to the users.

With over 30 years of design and build experience, our team is able to offer a full range of services from concept design, detail design, load analysis, and contract document preparation to project management, contract supervision and control, thereby ensuring that our clients receive the best professional service.

ADAS


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