



UMBRA Architectural Shadings
visually transform building facades
and deliver energy efficiency.

UMBRA Architectural Shadings enable architects and designers to achieve modern and linear building facades that are optimised for energy efficiency. This lightweight, fully engineered monolithic canopy, blade or fin system can be designed to any custom shape to protect windows and doors from the harsh Australian heat and glare. The outcome is reduced heat gain, energy savings and added thermal comfort that contribute to achieving excellence in energy efficiency.

UMBRA - RECENT PROJECTS



PRODUCT SPECIFICATIONS

Umbra is a lightweight engineered solution for providing architectural shading for windows or as a feature to form definition to any design. Umbra comprises of stainless steel brackets, fixed to a variety of substrates with a weather-tight detailing and finished with a render in any colour or texture. The Umbra shapes are custom made to suit desired design and dimensions, which are installed over concealed brackets with a robust adhesive. Umbra is completed with architectural render finishes.

Product:

- M Grade fire retardant polystyrene.
- Brackets are made from grade 316 stainless steel, comprising of 16mm diameter hollow rod with welded mounting plate allowing for two fixing points into the substrate.

Dimensions:

UMBRA depth is to be no more than 600mm from base of bracket. Leading edge is a minimum of 80mm. Umbra length is unlimited.

Application:

UMBRA is ideal for installing as part of the rendered MasterWall or K-Series systems; alternatively can be placed with non-rendered facades claddings, such as weatherboard, face brick or feature claddings. Suitable for installation over a variety of substrates such as timber & steel frame construction, masonry brick, concrete block and precast concrete panels.

Finish:

A minimum thickness of 5mm polymer modified render should be applied in two coats over entire UMBRA system. A range of architectural colours and finishes is available.

Warranty:

7 years: Masterwall Australia Pty Ltd warrants that its products are free from defects in materials and workmanship for a period of 7 years from the date of purchase.

For the complete Specification and Construction Details, refer to the UMBRA System Manual available on the Masterwall Australia website:

<http://www.masterwall.com.au>

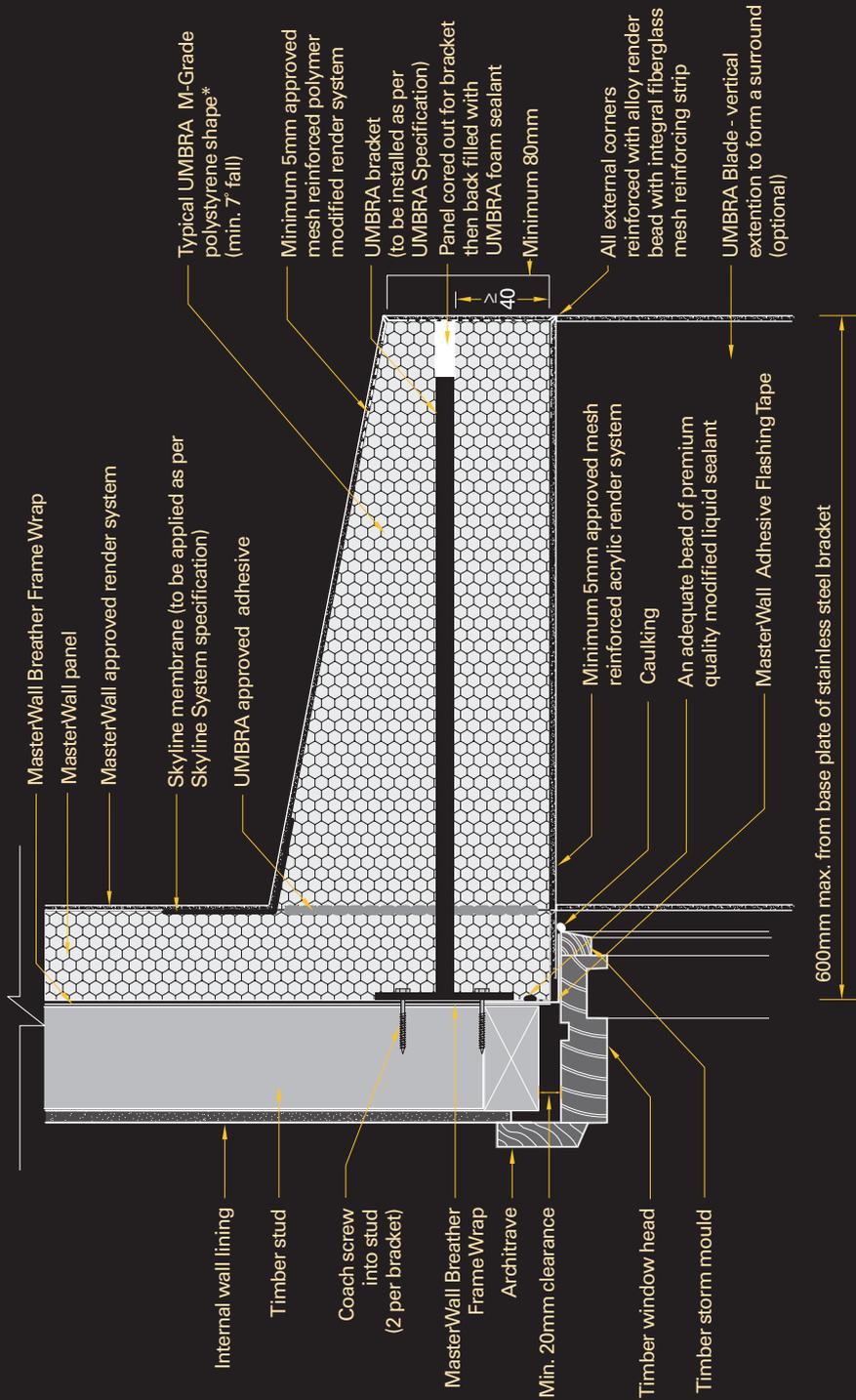
PHOTOGRAPHY:

Spinnaker Boulevard, WA.

These waterfront townhouses epitomise style and sophistication. UMBRA Architectural Shadings have been thoughtfully integrated around windows and doors to create a cutting edge design that maximising energy efficiency and comfort.

TYPICAL CONSTRUCTION DETAIL

A FULL SET OF CONSTRUCTION DETAILS ARE AVAILABLE ON THE WEBSITE



* NOTE:
 UMBRA can be engineered to any custom shape or size (max. 600mm depth)

**UMBRA / MASTERWALL PANEL / TIMBER WINDOW:
 TYPICAL HEAD DETAIL**

These details are indicative for the purpose of illustrating the typical installation of UMBRA system. UMBRA system to be installed strictly in accordance with the specifications. Substrate construction to be in accordance with the Building Regulations & Statutory Requirements.

CONTACT MASTERWALL AUSTRALIA

MasterWall Australia supports all of its products with a comprehensive Technical Advisory Service for specifiers, stockists and contractors. Phone MasterWall Australia with your project specifications.

For national technical advice and local applicators contact MasterWall Australia:

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YOUR LOCAL ACCREDITED INSTALLER / DISTRIBUTOR:



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