

EXECUTIVE COMMITTEE CA DP 270193

DESIGN AND INSTALLATION POLICY RE THE
INSTALLATION OF AN ADJUSTABLE LOUVRE ROOF
OVER TOWNHOUSE INTERNAL COURTYARD

1. City of Canada Bay Council Approval

An owner who proposes to install an adjustable louvred roof over a townhouse internal courtyard must firstly obtain City of Canada Bay Council approval if it is required.

2. Executive Committee Approval

Notwithstanding the requirements of the City of Canada Bay Council an owner must not install an adjustable louvred roof over a townhouse internal courtyard without the prior written approval of the Executive Committee.

3. Design and Installation Specifications

3.1 Adjustable louvred roof.

- The appearance and technical specifications of an adjustable louvred courtyard roof are to be of a similar nature to that shown in the attached Vergola brochure dated 22 September, 2011 provided that the adjustable louvres may be narrower than 200 mm.
- Louvres are to be non-reflective white.
- Supporting framework is to be white.

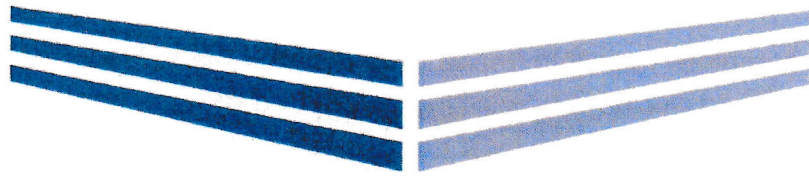
3.2 Relocation of Air Conditioning Compressor/s/s.

- To allow the installation of an adjustable louvre cover over a townhouse internal courtyard the air conditioning compressor/s which vent into the courtyard may be relocated to either the townhouse's waterside garden area or onto the townhouse garage roof as approved by the Executive Committee.
- If an air conditioning compressor is relocated the townhouse owner must ensure the noise level of the compressor does not exceed the limit prescribed by legislation or regulation which is enforced by the City of Canada Bay Council. As a guide the allowable noise level is to be no more than 5 dB(A) sound pressure above background noise measured at the boundary between the owner's and neighbour's properties [*Residential Best Practice Guideline (New South Wales) V. 3.2*].

3.3 If an air conditioning compressor is relocated to a townhouse garage roof:

- The compressor is to be located in a discrete location and covered as shown in the attached photograph provided that the Executive Committee may require the top of the cover to be capped with a Colourbond white louvre angled towards the courtyard roof.
- The cover is to be galvanised, acoustically insulated and painted to match the adjacent wall colour.
- Piping and fixing brackets are to be powder coated or painted to match the existing wall colour.

21/09/11



VERGOLA

Outdoor Living With The Ultimate Roof System



Technical Information

C-Bus	Compatible with addition of interface
Clearance Needed Above Framework	90mm
Colorbond Cappings	Are included in every installation
Colorbond Coating	80 or 25% depending on colour choice
Colorbond Flashings	Wall, gutter and under flashings are standard issue
Curved Beams	Available and dependant on spanning requirements
Electrical Requirements	10A Standard GPO
Frame – Custom	Available and dependant on spanning requirements
Frame Steel – Standard	250 x 75 "C" Section Purlin
Frame Timber – Standard	250 x 50 KDT
Gutter – Vergola	245 – 195 deep tapered gutter system 150mm wide 45mm high 30mm squash fold
Louvre Endcap Material	Non corrosive alloy
Louvre Material	XRW or XSE 42 BMT Zinalume with Colorbond Coating
Louvre Linkage	Solid alloy bar
Louvre Maximum Span	3600mm
Louvre Water Clearance	1 degree fall is applied to the louvre
Louvre Cover	200mm
Mass Weight	Louvre span up to 2600mm / 10kgm ² Louvre span 2600mm to 3000mm / 11.6kgm ² Louvre span 3000mm to 3600mm / 16.5kgm ² 250 x 75 "C" Section Framing / 8.17kg plm
Operation	12V Heavy duty lineal actuator motor / max 25 louvres
Rotation	0 – 150 degrees
Sensor	Moisture detector acting as rain sensor Smoke alert sensor
Wind Testing	Tested to withstand cyclonic conditions – 43m per second
Wiring Requirements	Switch drop from processor / flat 8 strand data cable Connection to rain sensor / 1.5mm ² twin Connection to motor / 1.5mm ² twin minimum
Storm Water	Stormwater connection is needed

