

SECTION 8

ROOFS

Table of Contents

8.0	ROOFS.....	2
8.1	General.....	2
8.2	Roof Types.....	2
8.3	Roof Deck Materials.....	2
8.4	Roof Flashings.....	3
8.5	Gutters Generally.....	3
8.8	Leaf / Hail Guards.....	4
8.9	Gutter Guards.....	4
8.10	Downpipes.....	4
8.11	Sound Insulation and Condensation.....	5
8.12	Roof Access.....	5
8.13	Roof Insulation.....	5
8.14	Compatibility of Materials.....	5
8.15	Roof Accessories.....	5
8.16	Roof Safety System.....	5

Version	Date	Authors	Summary of Changes
P1	02/06/14	WA	Preliminary Issue for review
2	19/8/14		

Estate Office

Ends of sheets must be turned up at ridges, penetrations and abutments, and turned down into gutters using specialist tools.

The colour of the roof sheeting must be approved by JCU; generally light colours preferred.

If vertical linings are required where not exposed to view, they shall be in colour matched profiled steel wall sheeting with a thickness of 0.42mm BMT, equivalent to Stramit 'K-Panel'.

8.4 Roof Flashings

Roof flashings generally shall be designed to minimise the use of sealants and shall be fabricated and

Estate Office

Gutter and Downpipe Sizing

Flooding frequency shall be decided for each project after considering the damage flooding would cause.

Generally the following flooding frequency shall be adopted:

- Box gutter (if permitted) 1 in 100 years

Estate Office

8.11 Sound Insulation and Condensation

Insulation shall be provided to any internal downpipe where water noise may create an acoustic problem.

Where condensation on the exterior surface of downpipes is likely to occur and cause nuisance, consideration shall be given to insulating downpipes.

8.12 Roof Access

Provide safe roof access from a service area or through room or by means of an internally open able roof hatch or door onto the Roof Safety Zone i.e.: a minimum of 3 metres from the edge of the roof

Estate Office

- Australian Standards AS/NZS 4488.1-2: 1997 Industrial Rope Access
- Australian Standards AS/NZS 1891.1-4: 1995 Industrial Fall Arrest Systems and Devices

Preference shall be given to systems where the anchorage points or cable supports are mechanically attached to the roof deck ribs and do not rely on posts penetrating the roof sheeting to attach to the roof framing.

Consultation with JCU is required when selecting the system, to ensure the components of the selected system are compatible with existing systems utilised on other campus buildings.

The system installer must provide all appropriate certification that the system complies with the relevant Standards and regulations.

t n cdcdf()TjSpanMC /P 41MCID 9 >