

Security Classes

Secure bicycle parking facilities for either short or long term encourages the use of bicycles – particularly around urban centres where road space and car parking facilities are at a premium.

The following guide to security classes as defined by Australian Standard AS2890-1993 should be used when assessing bicycle parking and security needs.



Class 3. Minimal Security

Bicycles locked to a support rail to which there is open access. Rail supports the whole bicycle and both frame and wheels can be secured to the rail using the bicycle owner's lock.

Surveillance. Direct surveillance required if using for medium or long term. Short-term use in well-lit public areas should expect reasonable security without direct surveillance.

Application. Short term, on or off street.

Long term in schools, colleges and places of work where direct surveillance is provided.



Class 2. Medium Security

Communal compound protected from weather but not necessarily from view. Access by attendant or duplicate key. Compounds have rails where the bicycle can be secured

with the owner's lock. Entrance gates are self-closing and locking.

Surveillance. Where available to the general public, some surveillance may be necessary.

Application. Large workplaces or institutions. Some level of direct surveillance.



Class 1. High Security

Completely enclosed individual locker such that the bicycle is secured by unique key, hidden from view and protected from weather.

Surveillance. Not normally required if in reasonably well lit public space.

Application. All day parking where owner is travelling to a remote location.

Bicycle Rails

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- Versatile
- Economical
- Short term



Bicycle Racks

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- Multiple bicycles
- Medium term



Bicycle Lockers

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- High security
- Long term
- Bicycle out of sight
- Bicycle protected from weather



Bicycle Cages

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- High security
- Medium to long term
- Bicycle out of reach



Deflection Rails & Leaning Rails

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- Pedestrian safety
- Defines route
- Prevents vehicular access



Signage

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- Reserves area
- Easy to locate
- Identifies usage

