

## Additional information on the size and design of ACROD bays

### a. Kerb Ramp

If there is a height difference between the ACROD bay (parallel or angled) and the path to the nearest accessible entrance – a compliant kerb ramp must be provided.

AS1428.1 specifications include:

- ▶ A gradient of no more than 1:8.
- ▶ Ramp sides which slope upwards at 45°.
- ▶ At least 1200mm clearance at the bottom and 1500mm clearance at the top.
- ▶ A width of at least 1000mm and a length of no more than 1520mm.

### b. Height Clearance

- ▶ **2200mm** along the vehicle path of travel from the car park entrance to the ACROD bay.
- ▶ **2500mm** in the area above the ACROD bay and adjacent shared area.

## Location and access for ACROD parking bays

- ▶ ACROD parking bays should be **located close to the main accessible building entrance** (for example a lift or access ramp).
- ▶ The **path** from the bay to the nearest accessible entrance must also be accessible (for example, a kerb ramp may be required), allow continuous travel, and be at least 1000mm wide.
- ▶ The **surface** of the bay and related unloading area must be firm, slip-resistant, unobstructed and with a fall gradient no steeper than 1:40. If the bay surface is bitumen and the parking bay is outdoors then 1:33 can be used.
- ▶ The long openings of any **grates** in the path of travel should be at right angles to the path and the openings must not be more than 150mm long or 13mm wide.

## More information about ACROD parking bays

- ▶ **Building Code of Australia.** Australian Building Code Board. [www.abcb.gov.au](http://www.abcb.gov.au)
- ▶ **Disability (Access to Premises – Buildings) Standards 2010.** Australian Government ComLaw. [www.comlaw.gov.au](http://www.comlaw.gov.au)
- ▶ **Guidelines on the Applications of the Premises Standards.** Australian Human Rights Commission. [www.hreoc.gov.au](http://www.hreoc.gov.au)
- ▶ **AS/NZS 2890.6 2009** Parking facilities Part 6. Off-street parking for people with disabilities. **AS 1428.1 2009** Design for access and mobility Part 1. General requirements for access – new building work. Standards Australia [www.standards.org.au](http://www.standards.org.au) SAI Global [www.saiglobal.com](http://www.saiglobal.com)
- ▶ **National Disability Services WA** (administers the ACROD Parking Program in WA). Telephone: 08 9242 5544 [www.app.org.au](http://www.app.org.au)

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Correctly sized and positioned ACROD bays enable people using mobility aids or who have a significant walking restriction to access and participate in our community. This information is based on **Australian Standards (AS)** and the **Building Code of Australia (BCA)** and applies to new parking bays. When redeveloping an existing parking area, the number, design and signage of bays must also be brought up to current standards.

## Number of ACROD parking bays

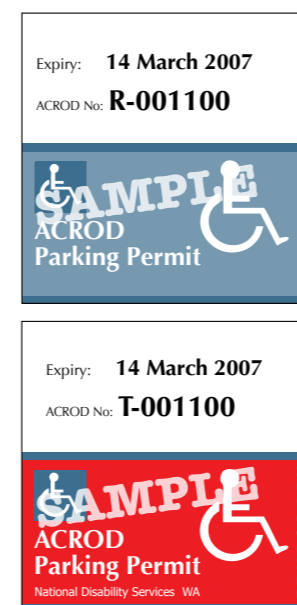
The BCA specifies the percentage of accessible parking bays required per Class of building. For example, **2% of bays in retail commercial centres (up to 1000 car bays) must be made accessible for people with disabilities.**

## Who can use ACROD parking bays? ... only ACROD permit holders

**Vehicles using an ACROD bay must display a current ACROD parking permit, visible through the front windscreen.**

There are three types of permits used in Western Australia – individual, organisation and temporary. Permits are issued by the ACROD Parking Program.

From July 2012, the Australian Disability Parking permit is being phased in. This means that permits issued in other states, which are also valid in WA, will look very similar to the WA permits. During the two year transition period, both the old and new designs will be in use.



Old Style ACROD Parking permit



New Australian Disability Parking permit

## Required size of ACROD parking bays



ACROD parking bays with shared space, ground markings and bollard

### 1. Angled parking bay

(side-by-side parking with the bays usually at a right angle to the flow of traffic)

- **Size** – each ACROD bay must be at least **2400mm wide** and **5400mm long**
- **A shared area** adjacent to the ACROD bay **must be provided:**

#### To one side of the bay

- ▶ Size – **2400mm wide by 5400mm long**
- ▶ A **bollard** must be placed at the front of the side shared area to prevent vehicles parking on it.
- ▶ This space must be **marked with 150-200mm wide diagonal (45°) stripes, 200-300mm apart and inside a 80-100mm wide border using yellow paint.**
- ▶ The space may be **shared by an adjacent ACROD bay**, as shown above.

#### AND – at one end of the bay

- ▶ Size – **2400mm wide and 2400mm long**
- ▶ Shared space at the end of a bay does not require a bollard or special paint marking if it is in a traffic area.

### 2. Parallel parking bay

(roadside-type parking, which is parallel to the flow of traffic)

- **Size** – at least **3200 mm wide** and **7800mm long**
- **A shared area** next to the non-traffic side of the ACROD bay **1600mm wide and 7800mm long must be provided.**

## Signage and painting of ACROD parking bays



- All signage (ground and upright on a stand/wall/pole) should **feature the international symbol for access** (AS 1428.1) – a white graphic of a figure in a wheelchair, facing right. The background colour is 'Ultramarine', also called Australian Standards Blue B21 (AS 2700).
- **Upright signage** – An upright sign must be mounted in front of the bay. As a minimum, it must show the access symbol and the text 'ONLY'. Additional optional text such as 'Must display a current ACROD parking permit' and/or an indication of the level of fines for misuse may be useful.
- **Additional upright signage** including a directional arrow to **show the way to the ACROD bay/s** may be required if the bay/s are not easily visible from all car park entrances.
- **Ground signage** – see image on Page 2
  - ▶ A white universal symbol of access (800-1000mm high) on an Ultramarine background (not more than 1200mm on any side) placed centrally, 500-600mm from the entry point of the bay.
  - ▶ **Angled ACROD parking bays** – The side shared space must be marked with **150-200mm wide diagonal (45°) stripes, 200-300mm apart and inside a 80-100mm wide border using yellow paint.**



These images illustrate why additional space is required for ACROD parking bays: above, at one end and at the side.