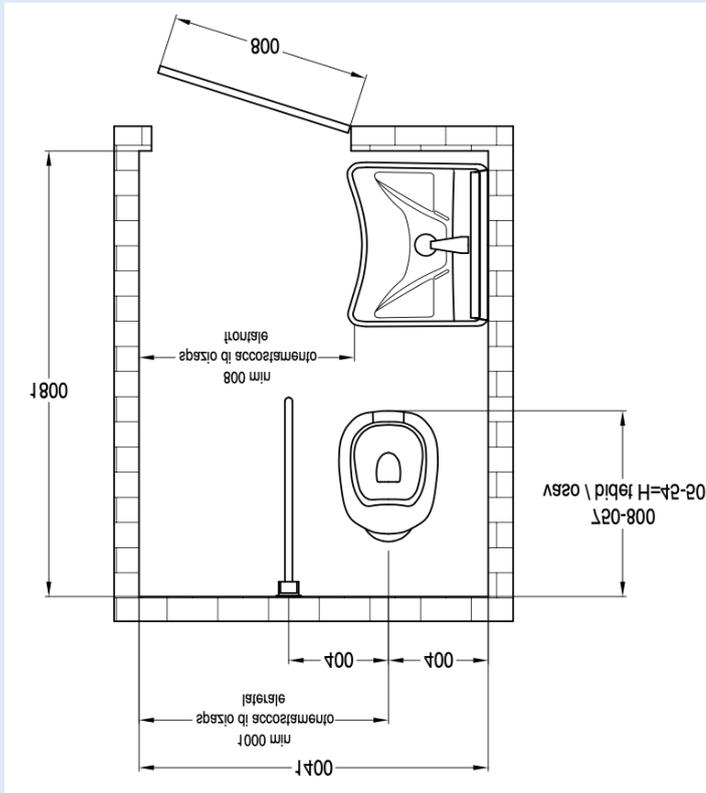


What are the required dimensions for a disabled bathroom?



All measurements shown are in millimetres.
Drawing sizes are not to scale.

Approvals



The bathroom design must ensure the manoeuvring and use of sanitary ware even for people with reduced mobility, guaranteeing the lateral approach to the WC, bidet, bathtub, shower and front approach to the sink.

To do so, it is important to respect the following minimum dimensions:

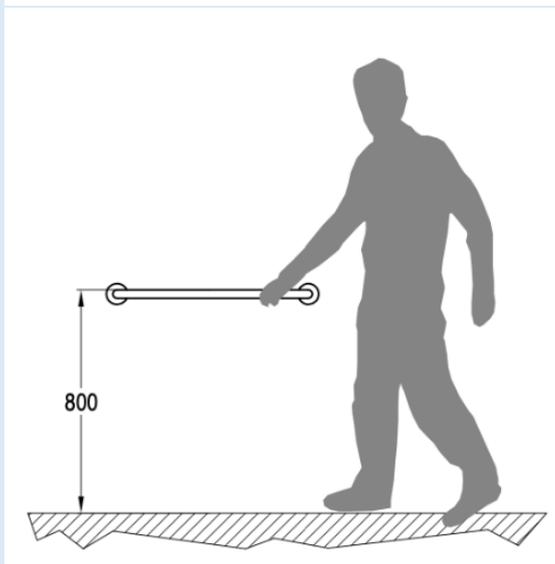
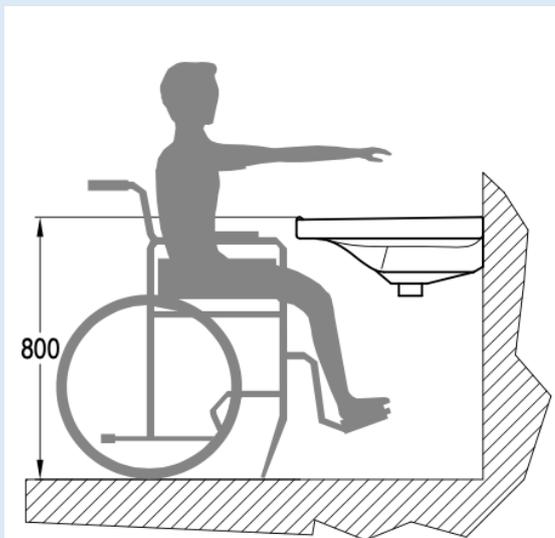
- the space needed for the approach and lateral transfer from the wheelchair to the **WC and bidet**, where provided, must be **at least 100 cm, measured from the axis of the sanitary appliance**;
- the space required for the lateral approach of the wheelchair **to the tub must be at least 140 cm along the tub, with a minimum depth of 80 cm**;
- the space required for the frontal approach of the wheelchair **to the sink must be at least 80 cm** measured from the front edge of the sink.

1 Taller toilet and bidet.

Toilets and bidets designed for individuals with low mobility are typically higher than standard sanitary fixtures. This height helps facilitate easier transfers from a wheelchair and improves the movement involved in sitting down and getting up. It's preferable for both the toilet and bidet to be wall-mounted. Specifically, the center of the toilet or bidet should be positioned at least 40 cm away from the side wall, with the front edge approximately 75-80 cm from the back wall. The top surface should be between 45 and 50 cm off the floor. If the center of the toilet or bidet is more than 40 cm from the wall, it's advisable to install a handle or handrail at that 40 cm mark to enhance safety during transitions. For smaller bathrooms, a hydrobrush can be used as an alternative to a bidet. In such cases, opting for a toilet with a front opening is ideal, as it makes showering more accessible.

2 Accessible washbasins.

In bathrooms designed for the elderly and disabled, it's important to install the washbasin at a height that ensures ease of use; the top surface should be set at 80 cm from the floor. It's advisable to avoid placing anything beneath the basin—such as columns or shelves—to create unobstructed space for wheelchair access. Ideally, the siphon should be positioned next to the wall or recessed within it, allowing for more room. Additionally, reclining mirrors can be incredibly helpful as they can adjust to various heights. We also suggest using clinical lever taps or electronic faucets that can be easily operated by anyone.



3 Safe shower.

For the elderly and individuals with limited mobility, it is advisable to install a shower, as the bathtub is less accessible and potentially more hazardous. The shower tray ought to be flush with the floor, and it should feature a handheld

shower and a folding seat that can be locked away to free up space when not required. We recommend installing horizontal grab bars to assist the user in rising from the seat and standing safely.

4 Aids and grab bars.

In the public restrooms, we recommend installing handrails near the toilet, positioned at a height of 80 cm from the floor, with a diameter of 3 to 4 cm; if fixed to the wall, it should be placed 5 cm away from it.

Accessible residential housing units must be equipped with horizontal and/or vertical grab bars and handrails near the appliances; the type and characteristics of the handles or handrails must comply with the specific needs.

IDRAL VALUE PACK

Comprising Components

EASY Series ceramic monoblock WC, height 49 cm, flush volume 5 litres.

(Article 10246)

White seat cover for EASY Series WC with front opening. (Article 11200)

Washbasin in white vitreous china with overflow. (Article 10392)

Chrome grid waste. (Article BP009503CS)

Thermostatic mixer with non-return valves (Article 09028-1/12)

Basin-mounted lever tap with ceramic disc head valve. (Article 02050-DC)

4 X 600 mm grab rails with exposed fixings.

1 X 450 mm grab rail with exposed fixings.

1 X hinged support rail and toilet roll holder with exposed fixings.

Materials

Vitreous China.

Grab rails in powder-coated steel.

