

# GYPSE BY double post guard rail with full height rails and bottom infill



## **Module with full height rectangular rail and bottom infill**

The modules comprise two half posts, rectangular rails and an infill placed behind the lower rail on the bottom of the guard rail.

The infills are rabbeted on 2 sides in a rail with an offset rebate to leave space for intermediate rails. An EPDM gasket acts as an interface between the infill and the aluminium frame.

The infill panels shall be in 44.2 laminated glass

**or**

- 20/10ths mm full or drilled metal sheeting

**or**

- Any other panel of synthetic material

Module fitting shall be as work progresses. A hooking component at the top of the post shall connect the modules to each other.

The handrail mounted at the end of work on site, shall be mounted onto this hooking component. In the spaced double post version, a 20 mm gap shall exist between the handrail and the top of the post.

**or**

- In the joined double post version, an inverted V-shaped hooking component shall crown the top of the posts and connect to the handrail.

The handrail shall be round (50 mm diameter) or rectangular (67 x 27 mm).

The upper rails shall be in 50 x 15 mm rectangular sections, or cylindrical with a 26 mm diameter.

The rails placed in front of the infills shall be rectangular 34 x 15 mm sections, or cylindrical with a 26 mm diameter.

The 50 x 12 mm rectangular half posts shall have an inner side equipped with two grooves providing the support for the rail hooks and the footplates.

At its extremity, the post shall comprise:

- In the spaced post version, two half posts forming two vertical slats 20 mm apart representing a global section of 50 x 44 mm.

**or**

- In the joined version, two joined half posts with a 50 x 24 mm section.

The interaxial posts shall be

- 1.60m maxi (private places)

**or**

- 0.93m maxi (public places)

The straight guard rail shall be top-fixed to slab or face-fixed to slab with footplates with 2 mounting points the section of which represents a square 125 x 125 mm, with a height of 25 mm.

The inclines shall have a 0 to 38° slope.

The returns shall be treated:

- In top-fixed to slab mounting, by a footplate connecting the half-posts to each module.

**or**

- In face-fixed to slab mounting, by two footplates connecting each starting module.

A corner bracket shall ensure the connection between modules on the upper section.



## **Module with infill beneath handrail**

The modules are made up of two half-posts, a lower rail, an upper rail and an infill centrally placed in the module axis.

The infills are rabbeted on 2 sides in the central part of the rails. An EPDM joint shall act as an interface between the infill and the aluminium frame.

The infill panels shall be in 44.2 laminated glass

Module fitting shall be as work is in progress. A splice-plate shall connect the modules to each other.

The handrail mounted at the end of work on site, shall cover all the modules.

The handrail shall be round (50 mm diameter) or rectangular (67 x 27 mm). It shall crown the upper rail which it shall cover to a large extent.

The 50 x 12 mm rectangular half posts shall have an inner side equipped with two grooves providing the support for the rail hooks, the footplates.

At its extremity, the post shall comprise:

- In the spaced post version, two half posts forming two vertical slats 20 mm apart representing a global section of 50 x 44 mm.

**or**

- In the joined version, two joined half posts representing a section of 50 x 24 mm.

The interaxial posts shall be

- 1.60m maxi (private places)

**or**

- 0.93m maxi (public places)

The straight guard rail shall be top-fixed to slab or face-fixed to slab with footplates with 2 mounting points the section of which represents a square 125 x 125 mm, with a height of 25 mm.

The inclines shall have a 0 to 38° slope.

The return ends shall be treated:

- In top-fixed to slab mounting, by a footplate connecting the half-posts to each module.

**or**

- In face-fixed to slab mounting, by two footplates connecting each starting module.

A corner bracket shall ensure the connection between modules on the upper section.