



# Panorama<sup>®</sup> Series-S

Balustrade system for public access roof areas and balconies



- ✓ Traditional design with the advantages of aluminium
- ✓ Bespoke manufacture, pre-assembled and ready to install

# The system



## Traditional design with the advantages of aluminium

Traditional design with the advantages of aluminium

Panorama Series-S is an aluminium balustrade system for balconies and accessible roof areas, for use in either, public or private applications.

Its traditional style aims at meeting the design requirements of simplicity and elegance with the added benefits a complete aluminium system brings – lightweight, durable, corrosion free and a fully recyclable material.

Panorama Series-S is also characterised by its ease of installation, using a patented assembly system and a custom delivery in pre-assembled modules.

The system is delivered with detailed layout and installation instructions.

Approved standards, satisfying the requirements of Part K2 of current building regulations, for guards and barriers around buildings:

- BS6180: 2011: Barriers in and about buildings)
- BS EN 1991-1-1, the UK national annex to BS EN 1991-1-4.: Action on Structures

### Multiple combinations

Panorama Series-S, with multiple design options, enables a wide range of architectural combinations:

- Glass in-fill size and colour
- Rectangular or round handrails and rails
- Main handrail on top, or through posts

### Standard fixing shoes

- On top of floor or parapet
- Side slab fixing, outside or inside of parapet

### Delivered ready for installation

The system is pre-assembled by modules in the factory\*.

The modules are packaged separately for protection in transit and delivered ready to install on site.

The installation time and room for error and damage is significantly reduced.

The maximum length per modules ready for installation is 3 metres. Coloured rivets are provided.

\*Except for the glass panels that may also be glazed in situ.



# Panorama Series-S Vision

## Glazed infill



## Glazed infill

### Laminated glass 44.2 class 1 to BS 12600

- Clear glass
- Translucent granite finish glass
- Translucent opal finish glass
- Translucent bronze finish glass

Other finishes available upon request.

## Handrails



Round through post



Rectangular through post



Round on top



Rectangular on top



## Models

With a (min) 40 mm gap under main handrail



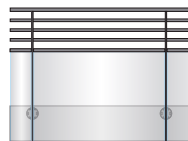
With one intermediate rail



With two intermediate rails



With slab cover glazed infill





# System Choices

## Handrail

Handrails can be through post or on top of the post.  
They can be rectangular or round.



Round through  
post handrail



Rectangular through  
post handrail



Rectangular  
on top handrail



Round on top  
handrail

## Intermediate rails

They can be rectangular or round.



# Components

## The posts

The panorama Series-S posts are manufactured to your chosen configuration.



## Fixing plate accessories

Coloured caps



4 point adjustable base plate to level system.

Fixing



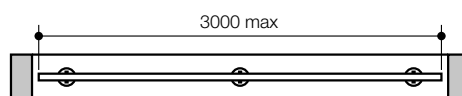
The stand straight Adjustment can also be done using wedge (2mm thick) positioned under the plate.

## The layout

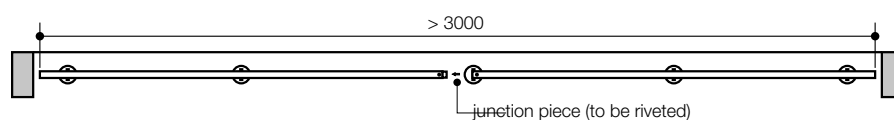
Panorama Series-S is delivered ready to install. Labelled in co-ordination with layout details and plans, to assist the correct final site positioning.

**For more information on Panorama Series-S installation procedure, visit our web site at [www.danialu.co.uk](http://www.danialu.co.uk)**

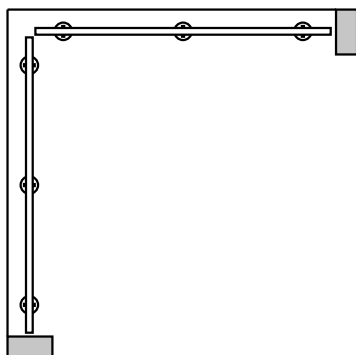
### <3000 mm straight line



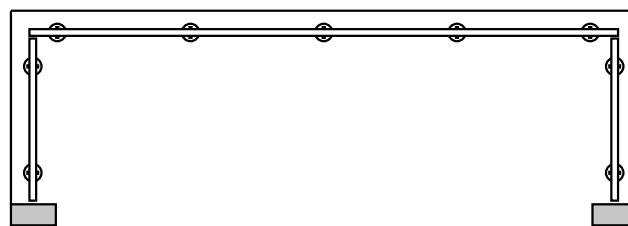
### Straight line > 3000 mm



### Symmetrical angle solution



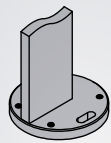
### Angle with priority to the front balustrade



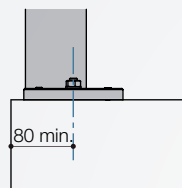
## Configuration example for corners

At corners, endcaps ensure a neat finish for the handrail and all termination profiles. The structure is lightened and installation made easier.

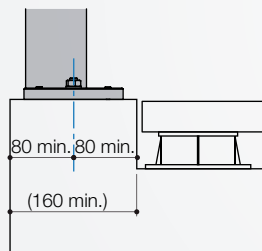
# Fixing



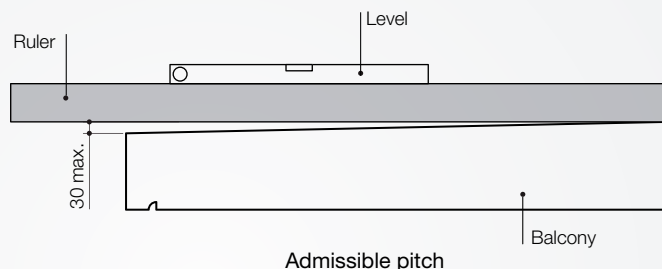
On top of floor/parapet



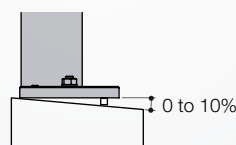
On top of floor



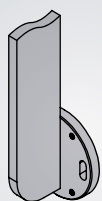
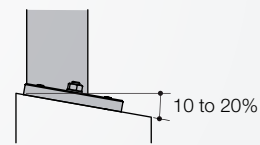
On parapet



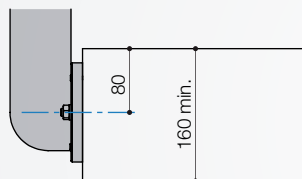
Admissible pitch



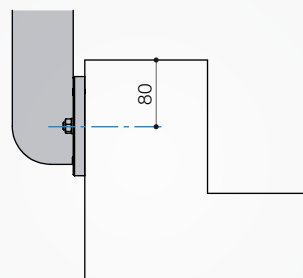
Admissible pitch



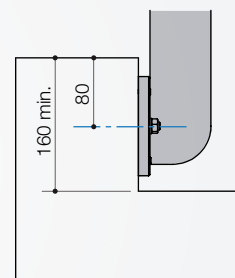
Side fixing



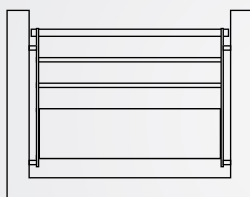
Side slab fixing



Outside parapet



Inner parapet



Fixing between walls

## Patented system. Registered trademarks and designs.

Subject to modifications.

Examples of use are given for information purposes only.

In the brochure, all measurements are given in mm.

You can download details (CAD / REVIT etc.) and specification texts adapted to your project at:  
**[www.danialu.co.uk](http://www.danialu.co.uk)**



Find this product on our web site [www.danialu.co.uk](http://www.danialu.co.uk) or by using this QR code.

## Complementary Products



Systems for finishing and protecting balcony edges

The Dallnet range allows you to permanently prevent the degradation of the slab edge; improves aesthetics and even allows for rainwater collection.

The range Dallnet includes 6 systems:



Dallnet weather strip

### Dallnet weather strip

A complete system for dispelling of rainwater away from the slab edge, preventing run off and staining of the exposed slab.



Dallnet gutter

### Dallnet gutter

An extruded aluminum system, mechanical fixed to collect and evacuate run off water. Prevents water flowing to balcony areas below.



Dallnet tiles

### Dallnet tiles

A range of profiles to protect and form a bead edge for tiled balcony areas. Installed, it also acts as a weather strip.



Dallnet trim

### Dallnet trim

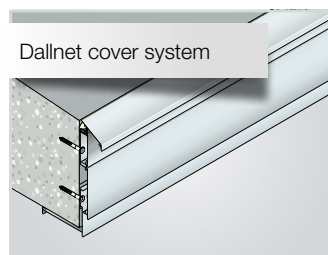
A system of protection and cover for the entire balcony edge. It can be used in new or refurbishment projects due to the lightweight aluminium and simple fixing solution.



Dallnet resin

### Dallnet resin

A range of profiles to protect and form a bead edge for liquid applied balcony areas. Installed, it also acts as a weather strip.



Dallnet cover system

### Dallnet cover system

Aesthetic aluminium profiles, designed to be adjustable to cover and protect the full slab edge. The combination of upper and lower profiles and an edge return allows full adaptation to any size slab.

# Panorama® Series-S

☐ **Order**      ☐ **Request for quotation**

(Tick the options required)

To request a quotation, please give the following information.

In the case of an order, please enclose also a measured survey or a roof plan.

Company stamp

Date: .....

Company (address): .....

Contact name: .....

Telephone: ..... Fax: .....

Mobile: ..... E-mail: .....

**Type of project**      ☐ new      ☐ refurbishment

**Stage of project**      ☐ design      ☐ on site

**Project reference:** .....

## Handrail



Round through post

☐


Rectangular through post

☐


Round on top

☐


Rectangular on top

☐

## Intermediate rail



No intermediate rails

☐


One round rail

☐


One square rail

☐


Two round rails

☐


Two square rails

☐

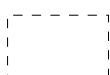

Three round rails

☐

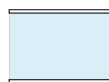

Three square rails

☐

## Infill



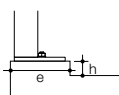
No infill

☐


Glass infill

☐

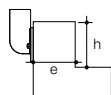
## Fixing method



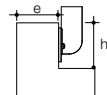
On top of floor / On parapet

☐


Side slab fixing

☐


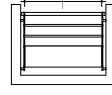
Outside parapet

☐


Inner parapet

☐


Side slab fixing with the infill hiding the slab side

☐


Between walls

☐

**Wedge** ..... units

thank you to indicate following dimensions, in mm :

e ..... h ..... l .....

**Finish** ..... Powder coated danilac ral colour : ..... Fixing caps: ☐ grey ☐ white ☐ black

**Quantity**    Number of linear metres .....    Number of balconies .....    Number of angles .....



**ICB (Waterproofing) Ltd**  
Units 9-11 Fleets Industrial Estate,  
Willis Way,  
Poole,  
BH15 3SU

Tel: 01202 785200  
Fax: 01202 785201

Email: info@icb.uk.com