

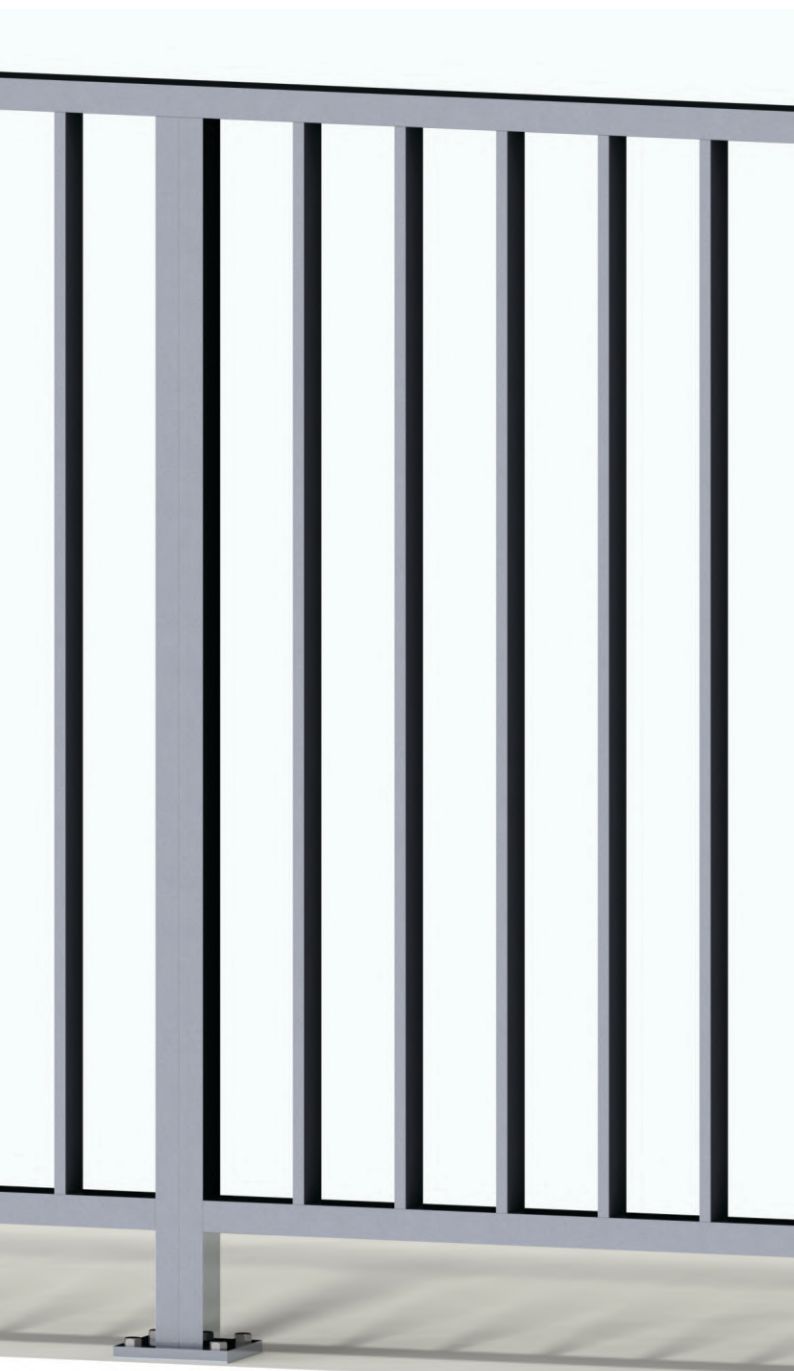
THE NEXT  
GENERATION OF

# ALUMINIUM RAILING



 **RINOX**®  
Engineered in Germany

**PROFESSIONAL  
RAILING  
SYSTEMS**



## ABOUT RINOX

RINOX Engineering is a pioneer in Stainless Steel Modular Railing Systems and has now developed models in Aluminium Railing as well. RINOX has earned respect among the most quality-conscious buyers in 67 countries around the world.

Utilizing German manufacturing technology, strict quality norms, and multi-locational manufacturing in India and China, RINOX has established itself as a leader in the field.

RINOX's Premium Stainless Steel and Aluminium Railing Systems offer a complete and elegant solution for all railing and architectural requirements. The railing systems manufactured by RINOX are completely modular, eliminating the need for welding, grinding, or polishing at the installation site.

Based on interchangeable components, the railing system provides a wide range of flexibility to design a professional and secure railing. These components are available to fit all standard pipe sizes easily accessible from local stockholders.

RINOX products (standard and OEM) are installed at various locations worldwide, including



Airports



Shopping  
Malls



Office  
Buildings



Residential  
Projects



Hospitals



Metro  
Stations

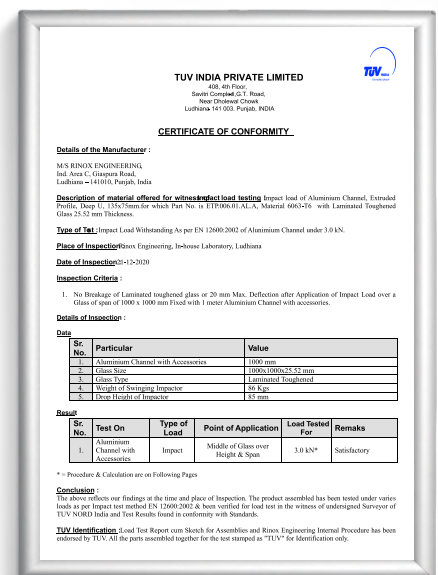
# QUALITY CONTROL

RINOX products are developed in a state of the art research and development center that is involved in creating cost effective solutions for common and special requirements. Each product is carefully designed and monitored at each stage of production.

The Rinox Research and Development (R&D) center works in close association with the marketing team, understanding the specific requirement of the customers and churning out products that offer solutions to the customer's needs.

Our indepth knowledge about different stainless steel grades like AISI 304, 316, 316L and capability to effortlessly convert products between casting, pressing, welding and machining processes ensures that you get the finest products manufactured using the most suitable method.

Rinox is one of the biggest leader offering CE marked stainless steel handrail and glass fittings



The letters "CE" are the abbreviation of French phrase "conformité Européenne" which literally means "European Conformity". CE Marking on a product certifies that the product complies with the essential requirements of the relevant European health, safety and environmental protection legislation. CE Marking on a product indicates to government officials that the product may be legally placed on the market within the entire European Union Countries.

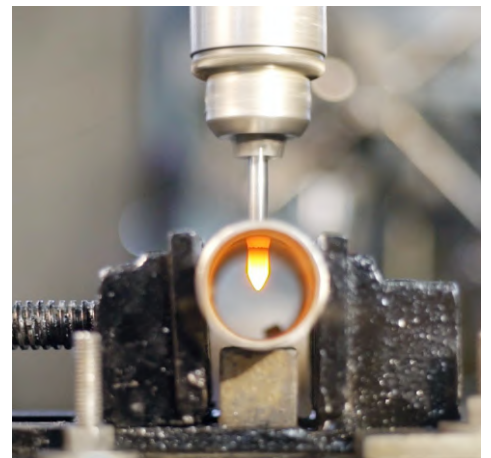
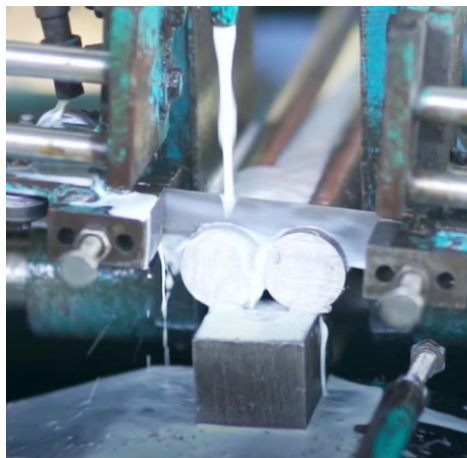




# OUR PRODUCTION CAPABILITY



RINOX products are developed in a state-of-art research & development cell involved in creating cost effective solution for all types of architectural requirements. Each product is carefully designed and monitored at each stage of production. The R&D center works in close association with the marketing team , understanding the specific requirement of the customers and creating products that offer perfect solution to the customer's needs. RINOX has in-depth knowledge and capability to effortlessly convert products between various manufacturing processes including casting, pressing, welding and machining to ensure that you get the finest products.



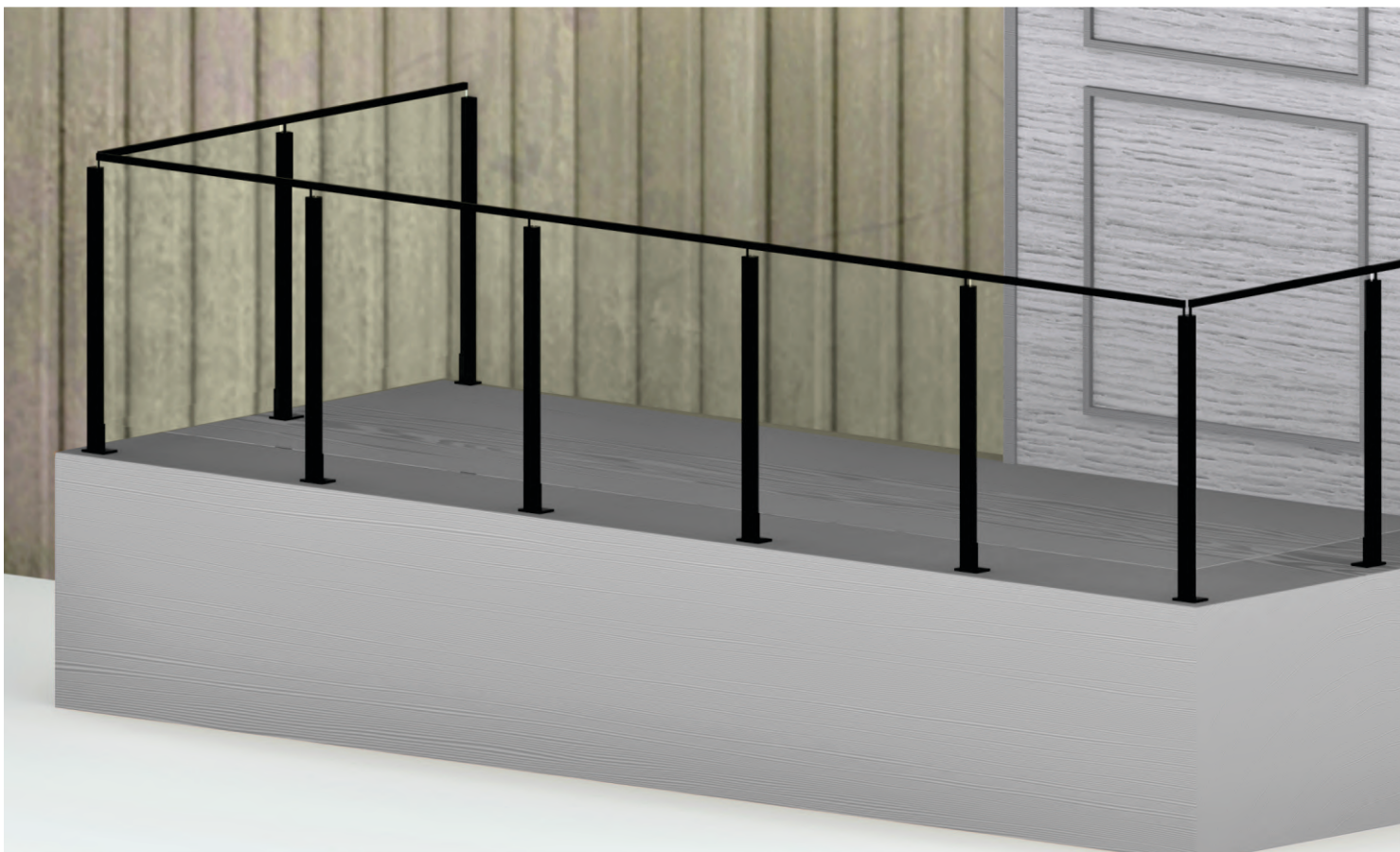
# ALUMINIUM RAILING SYSTEM

## MODELS

- OMNI - Pentagonal post with glass panel
- PRISM - Rectangular Post With Spider Fittings
- LINIX - Rectangular post with vertical pickets
- CYLIX - Round post with horizontal Tube
- CLARA - Rectangular Post With Glass Clips



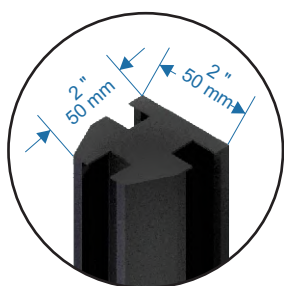
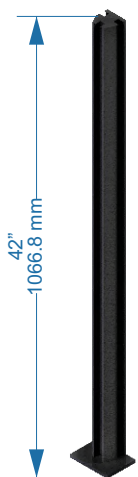
## OMNI - Pentagonal post with glass panel



### Specification

**Wind load Capacity - 3kN/m<sup>2</sup>**  
**Live load Capacity - 1.5kN/m**  
*As per BS standard*

**Patent  
Applied For**



| TECHNICAL DATA | TYPE / SHAPE | STANDARD SPACING / SIZE IN mm (Inch)           |
|----------------|--------------|------------------------------------------------|
| Post           | Pentagonal   | 1000 mm(39 3/8")<br>center distance b/w Posts  |
| Infill option  | Glass        | 10-17.52 mm (3/8" - 11/16")<br>laminated glass |

### Benefits:

- Material used - Aluminium
- Available in natural, anodized & powder coated
- One Post for corner, inline & 90° glass assembly

## Balcony Application

Patent  
Applied For



Omni Post with a post height of 1 meter and glass height of 1200 mm, featuring a continuous handrail for added safety and protection of the glass.



Omni Post with a height equal to the glass 1000 mm, to suit different aesthetic and functional requirements.



## Applications

**Patent  
Applied For**



### Airport

Omni Post with a glass height of 1800 mm, measured from the finished floor level, designed for use as a partition at airport gates to manage the separation of incoming and outgoing passengers while maintaining clear visibility and security.

### Restaurant

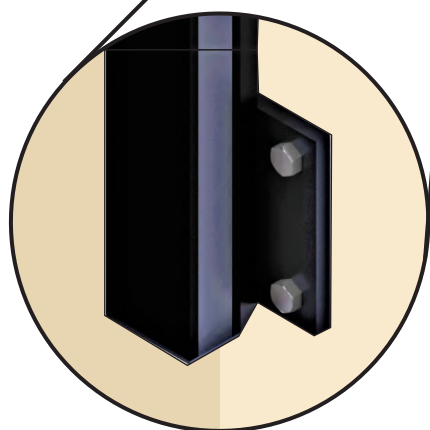
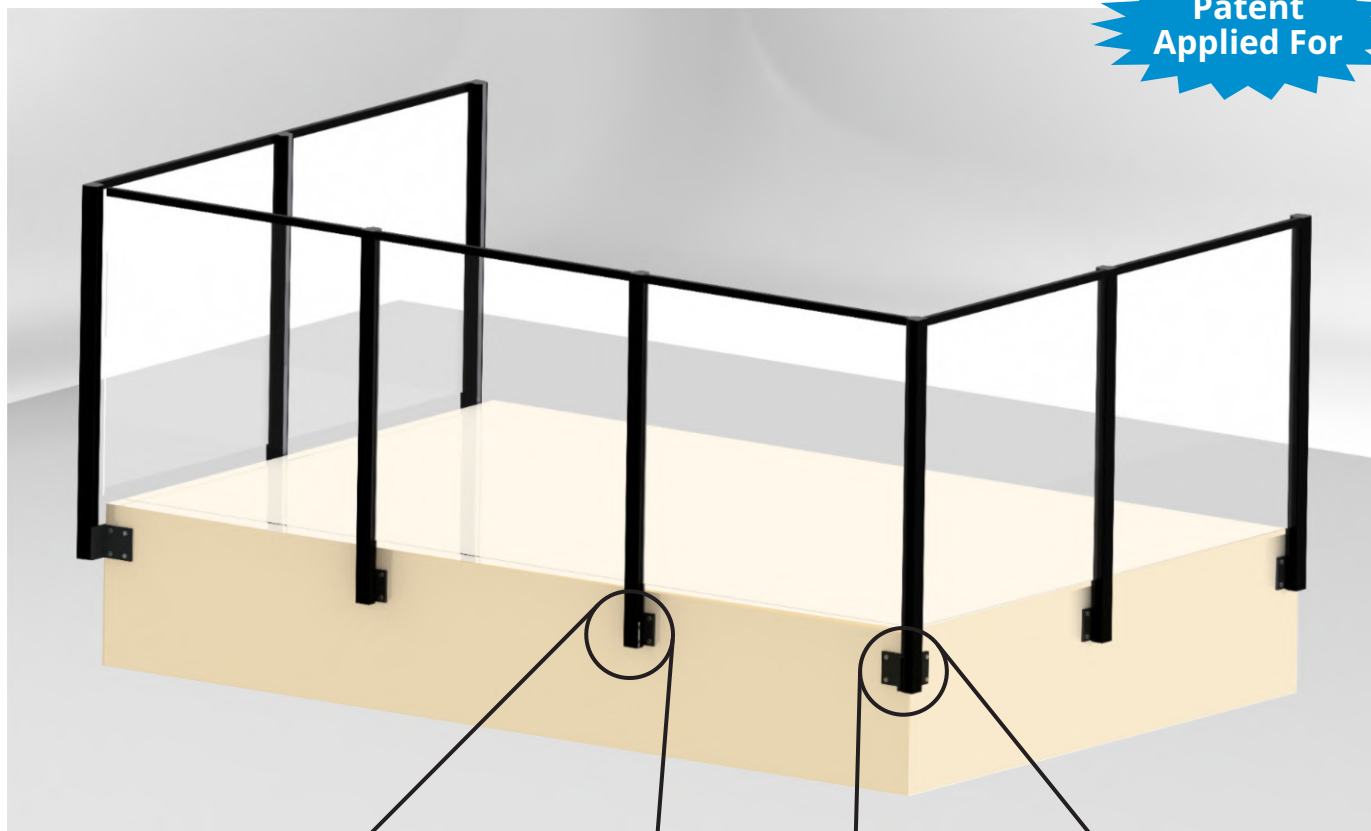
Omni Post with a height of 12 inches and high-rise glass, designed to be installed in the outer area of restaurants to enhance the aesthetic appeal and complement the surrounding environment, creating a refined and welcoming atmosphere.



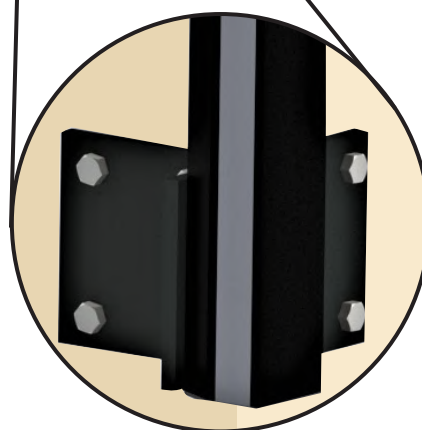


## Applications of Side Mount Omni Post

**Patent  
Applied For**

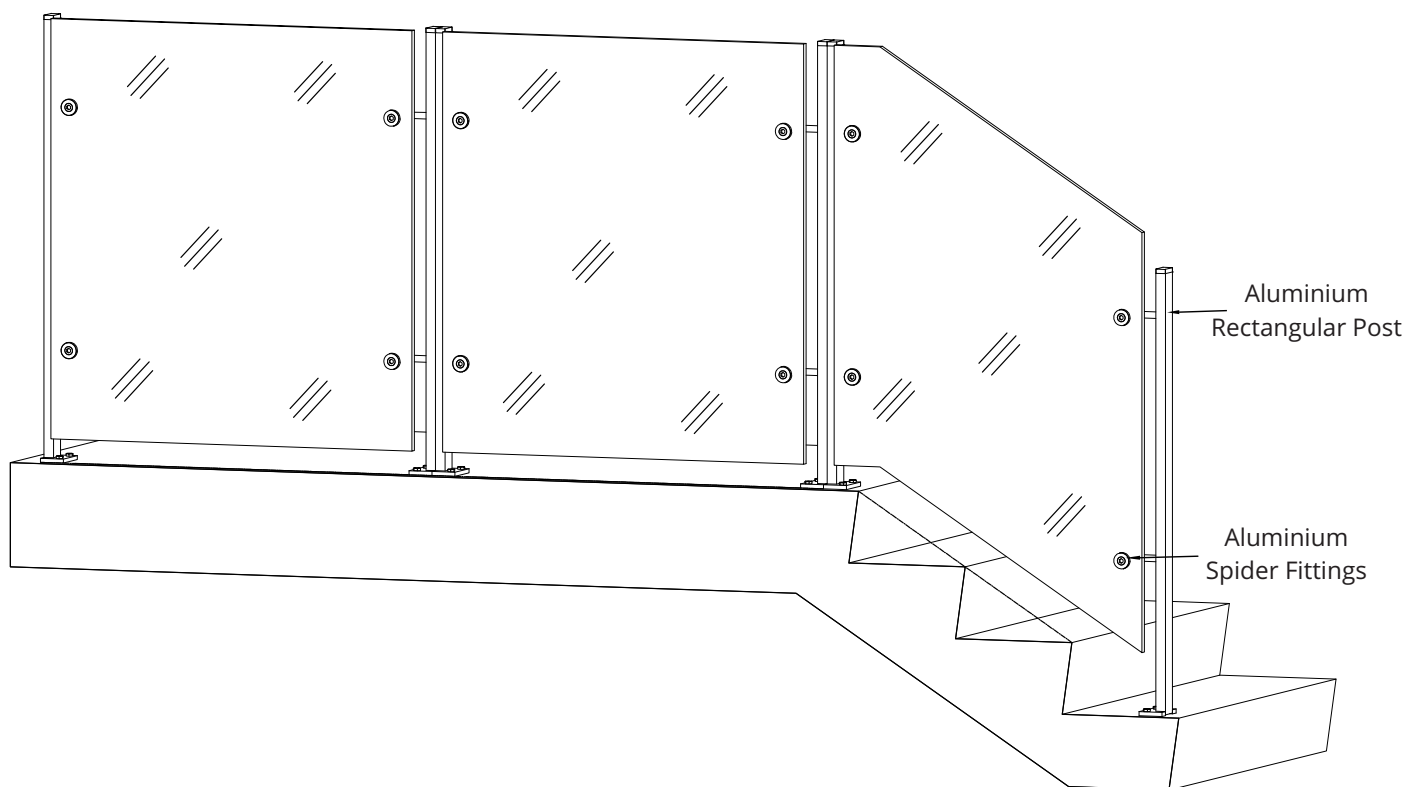


**For Base of 180°**



**For Base of 90°**

## PRISM - Rectangular Post With Spider Fittings



**Load Capacity : 1 kN/m**  
*As per BS standard*

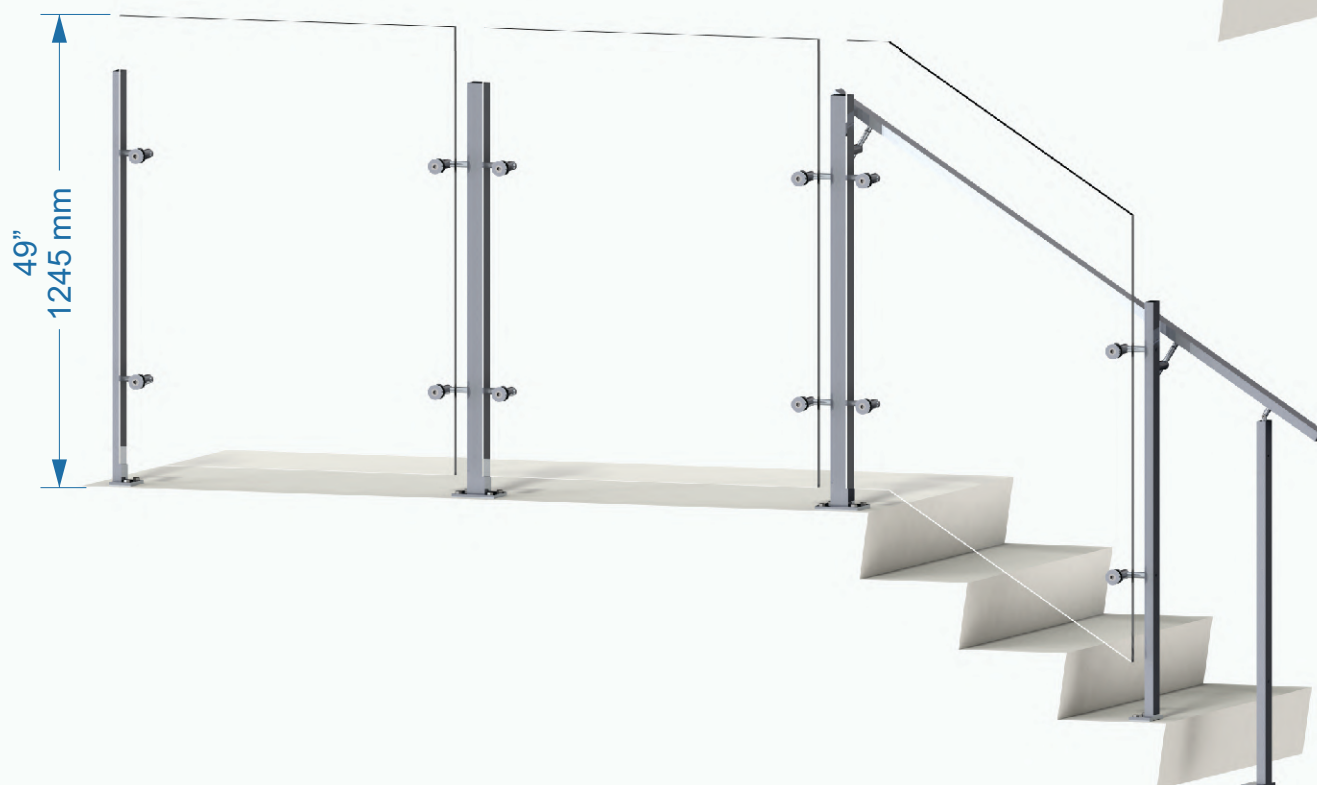
| TECHNICAL DATA | TYPE / SHAPE               | MATERIAL  | FINISH                             | STANDARD SPACING / SIZE IN mm (Inch)          |
|----------------|----------------------------|-----------|------------------------------------|-----------------------------------------------|
| Post           | Rectangular                | Aluminium | Natural, Powder coating & Anodised | 1000 mm(39 3/8")<br>center distance b/w Posts |
| Infill option  | Glass with spider fittings |           |                                    | 10-12.76 mm (3/8" - 1/2")<br>laminated glass  |

**Benefits :** Standards specifies customization or other sizes are also available for that option.  
Available in Aluminium with Natural, Powder Coating & Anodised

**Option 01**

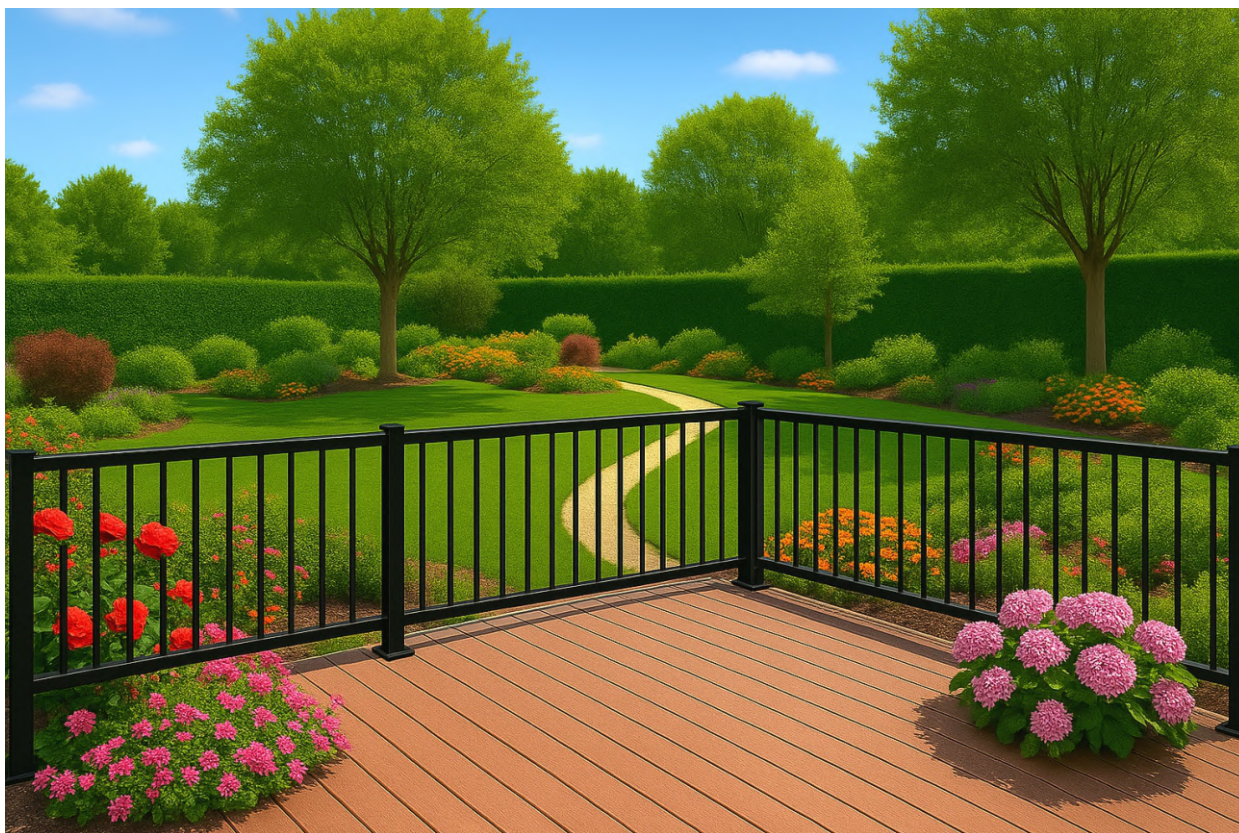


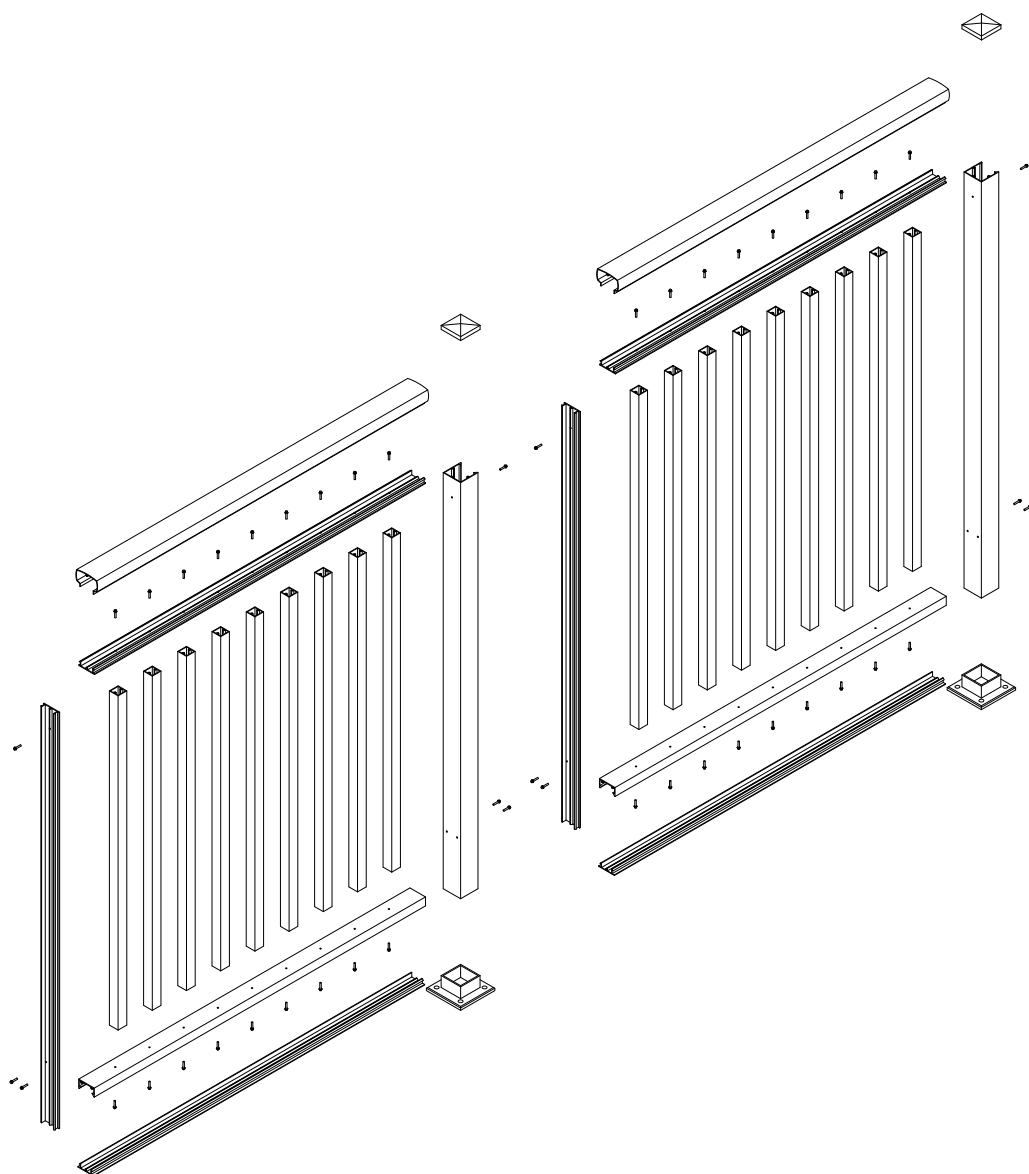
**Option 02**





## **LINUX - Rectangular post with vertical pickets**





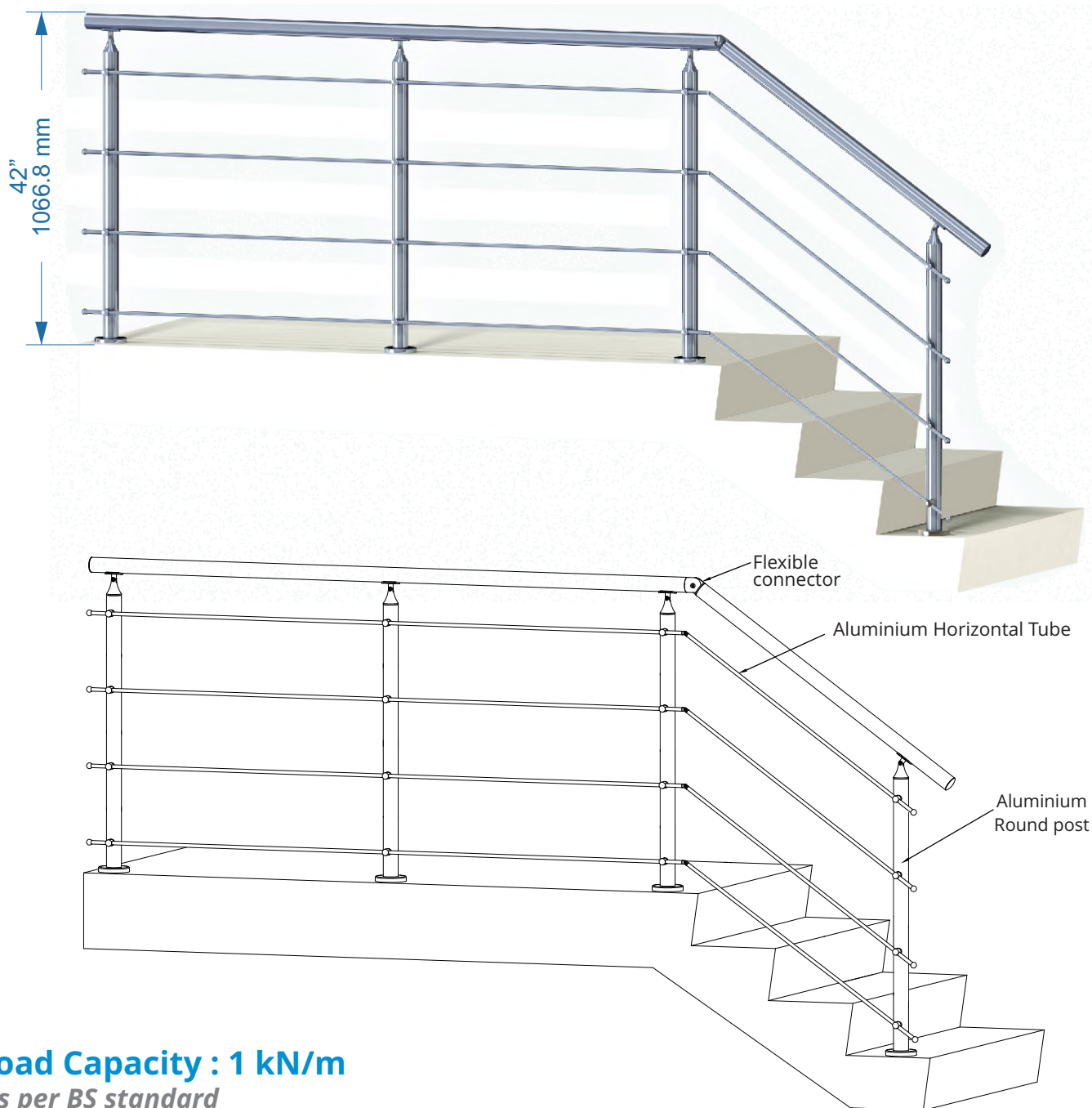
## Load Capacity : 1 kN/m

*As per BS standard*

| TECHNICAL DATA      | TYPE / SHAPE            | MATERIAL  | FINISH                             | STANDARD SPACING / SIZE IN mm (Inch)          |
|---------------------|-------------------------|-----------|------------------------------------|-----------------------------------------------|
| Post                | Rectangular             | Aluminium | Natural, Powder coating & Anodised | 1000 mm(39 3/8")<br>center distance b/w Posts |
| Infill option       | Vertical pickets (Tube) |           |                                    | 25.4x25.4mm(1"x1")                            |
| Top Rail / Handrail | Rectangular Tube        |           |                                    | 50.8x50.8mm(2"x2")                            |

**Benefits :** Standards specifies customization or other sizes are also available for that option.  
Available in Aluminium with Natural, Powder Coating & Anodised

## CYLIX - Round post with horizontal Tube

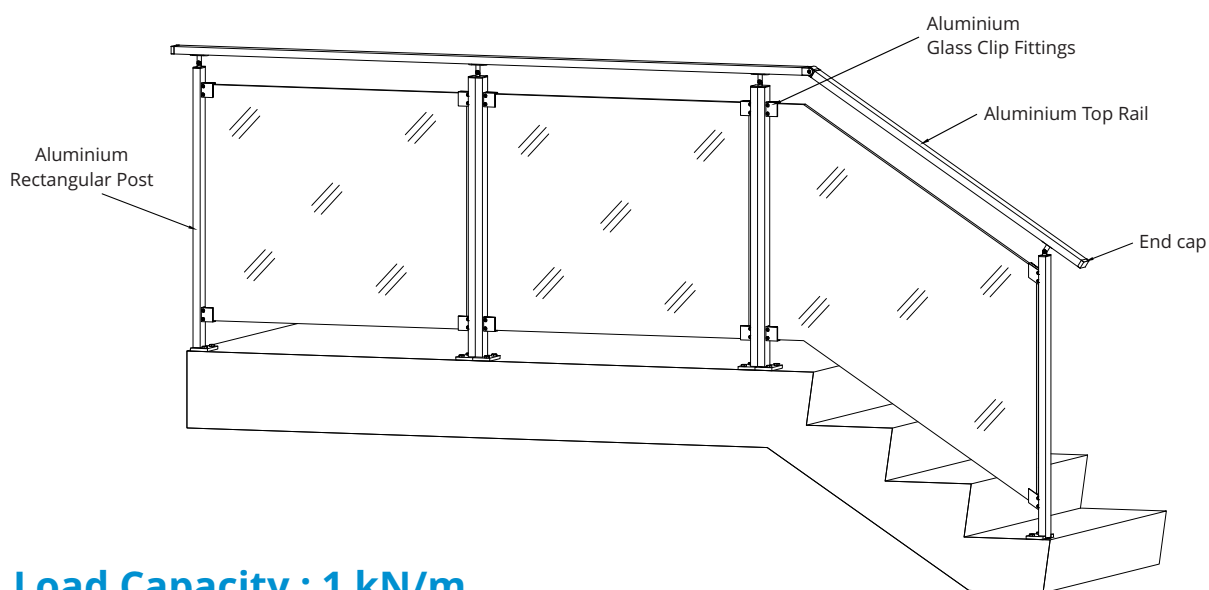
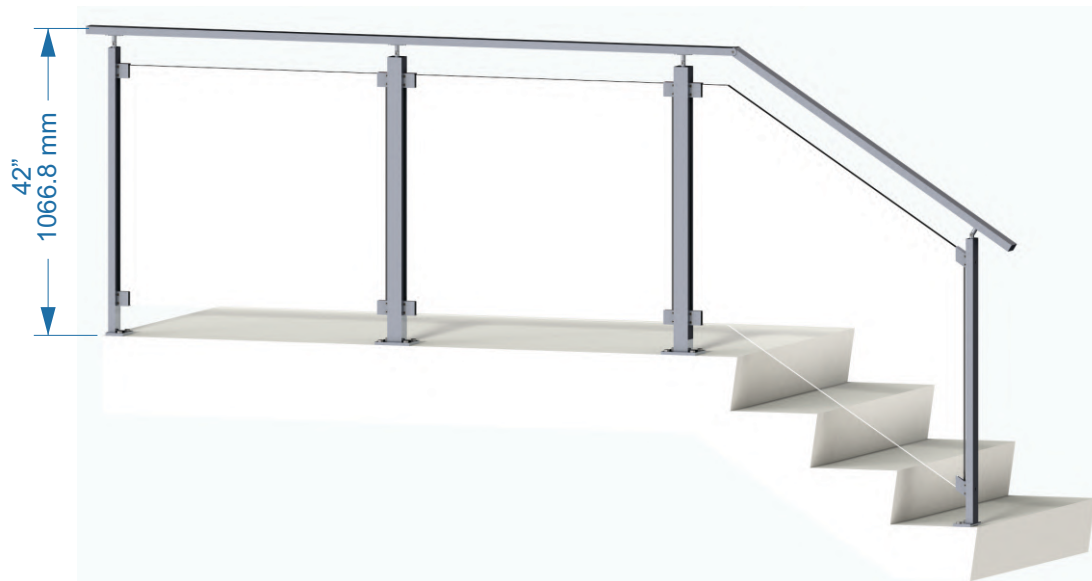


**Load Capacity : 1 kN/m**  
*As per BS standard*

| TECHNICAL DATA      | TYPE / SHAPE    | MATERIAL  | FINISH                             | STANDARD SPACING / SIZE X THICKNESS IN mm (Inch) |                                 |
|---------------------|-----------------|-----------|------------------------------------|--------------------------------------------------|---------------------------------|
| Post                | Round           | Aluminium | Natural, Powder coating & Anodised | 1000 mm(39 3/8")<br>center distance b/w Posts    | Dia 45 X 3 mm<br>(1 7/8 X 1/8") |
| Infill option       | Horizontal Tube |           |                                    | Dia. 16 X 2 mm (5/8 X 3/32")                     |                                 |
| Top Rail / Handrail | Round Tube      |           |                                    | Dia. 50 X 2.5 mm (2 X 3/32")                     |                                 |



## CLARA - Rectangular Post With Glass Clips



**Load Capacity : 1 kN/m**  
*As per BS standard*

| TECHNICAL DATA      | TYPE / SHAPE     | MATERIAL  | FINISH                             | STANDARD SPACING / SIZE IN mm (Inch)          |
|---------------------|------------------|-----------|------------------------------------|-----------------------------------------------|
| Post                | Rectangular      | Aluminium | Natural, Powder coating & Anodised | 1000 mm(39 3/8")<br>center distance b/w Posts |
| Infill option       | Glass Clips      |           |                                    | 10-12.76 mm (3/8" - 1/2")<br>laminated glass  |
| Top Rail / Handrail | Rectangular Tube |           |                                    | 50X25 mm(2"X1")                               |

**Benefits :** Standards specifies customization or other sizes are also available for that option.  
Available in Aluminium with Natural, Powder Coating & Anodised



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