

INNOVERA

# INNOVERA RAILING

GROOVE  
SLIM

CORE  
STAR  
INFINITY



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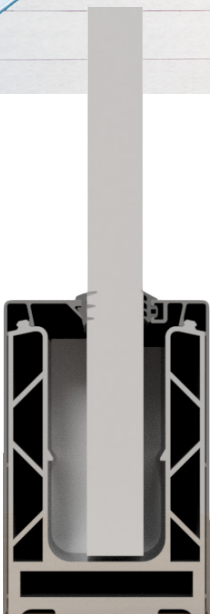
Glass Balustrade System

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Residential & Commercial Solutions

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# The best performance Glass balustrade system by far



Premium Aluminum Alloy

Mill Finish / Anodized /  
Super Durable Powder  
Coating

Proprietary INNOVERA ©  
Wedge Design

From 10mm Single Glass  
up to 25.52mm thickness

Up to 300 Km/h Wind  
Load Strength

Easy Installation from 1 side  
Compact and Lightweight

TÜV Quality Controlled  
Production of all System Parts

All Mounting options possible  
(Top/Side/Embedded/Etc.)

Integrated LED Light  
installation optional

10 years Guarantee

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# About us

INNOVERA © Systems specializes in conceiving, creating, and delivering cutting-edge design solutions to empower clients to thrive in diverse fields.



**The Railing Systems have been meticulously crafted, considering essential elements to create a balustrade system that is ideal for both installers and end-users. This system excels in Safety, Quality, Ease of Installation & Maintenance, as well as offers Flexibility & Versatility in installation, all backed by a 10-year Warranty on all components provided by INNOVERA © Systems.**

Our proprietary design adapts to any glass configuration thicknesses starting from a simple 10mm single glass up to 25.52mm laminated glass and can withstand wind loads in excess of 300 Km/h for high rise buildings in severe weather conditions.

The Sleek design of our system resists high corrosive weather environments due to the usage of premium Aluminum alloys together with UV-resistant ABS glass wedges with an integrated option for LED light installation that further elevates your glass balustrade look experience.

We aim to reach our global clients locally and help them throughout the journey of their project in order to make their experience perfect in every way possible.

All our parts are quality controlled and verified by TÜV Rheinland to ensure a consistent and perfect product is delivered to our customers.

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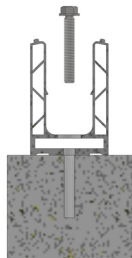
**Elegant.  
Versatile.  
Robust.**



INNOVERA Railing offers versatile applications tailored to meet the specific requirements of your project. With each project being inherently unique, our system is designed to meticulously address every detail you envision for your railing needs.

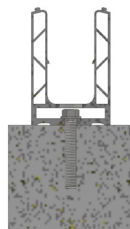
# Easiest System to Install

1



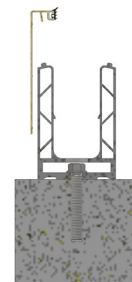
Place rail and mark  
for drilling

2



Tighten anchor bolts  
to fix rail

3



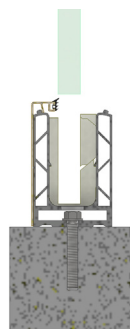
Install side cladding  
and gasket

4



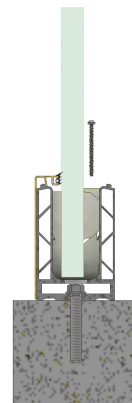
Clip in INNOVERA®  
wedges in place

5



Lower glass into wedges

6



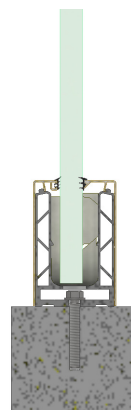
Tighten INNOVERA®  
wedges screws

7



Install cladding and gasket

8



You are done



## Crafting Safety & Style for your Project

INNOVERA Railing is meticulously crafted to combine aesthetic appeal with the top priority of ensuring your family's safety. Our glass balustrades not only provide a perfect visual allure but also boast a robust structure, thanks to the use of top-quality materials in their design and manufacturing.

# INNOVERA Railing

## System Components

### CLADDING

#### CLAD WW XXXX YYY ZZ

##### WW SYSTEM/COVER TYPE

Groove/Slim: Built in  
SS: Top of profile  
SB: Full height

##### XXXX GLASS THICKNESS

##### YYY LENGTH OF PROFILE

500 for 5m length  
600 for 6m length

##### ZZ PROFILE COATING

MF Mill finish  
PN Powder Coating  
AN Anodized

### GASKET

##### External Side

GSKTS00000500EM

Pack of 10Kg – around 200m

##### Internal Side

GSKTS00610500EM

Pack of 10Kg – around 140m

### RAIL

#### RAIL WW XXXX YYY ZZ

##### WW RAILING SYSTEM

GROOVE: GR  
SLIM: SM  
CORE: CR  
STAR: ST  
INFINITY: IN

##### XXXX GLASS THICKNESS

##### YYY LENGTH OF PROFILE

5m length  
6m length

##### ZZ PROFILE COATING

MF Mill finish  
PN Powder Coating  
AN Anodized

### WEDGE

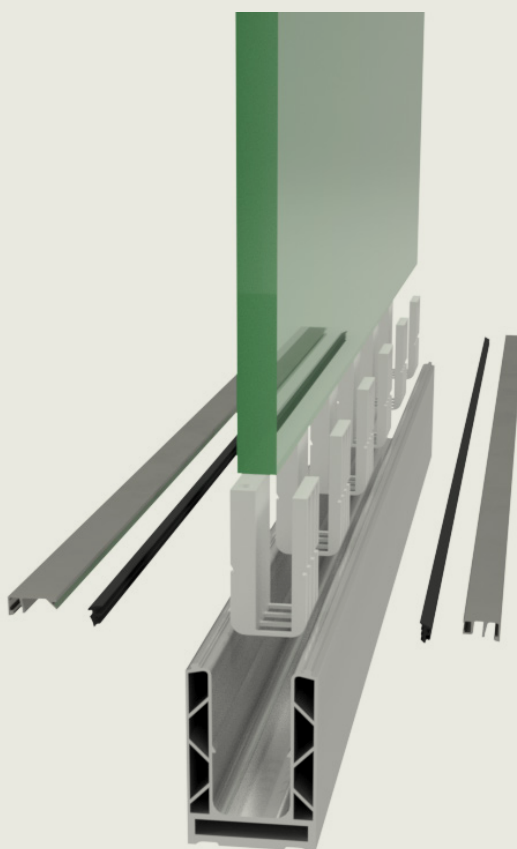
#### 36 sets per box

##### Slim/Groove:

BOXWSG0000000036

##### Core/Star/Infinity:

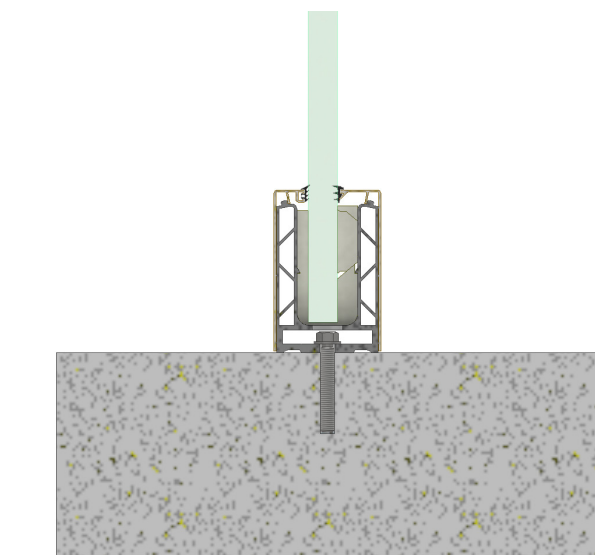
BOXWN0000000036



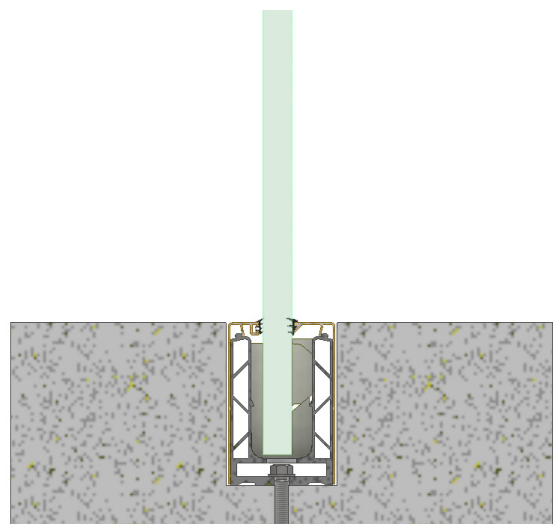
*Different finishing available for rail and cladding based on project requirement (anodized finishing or super durable paint).*

*Profile lengths can be tailor made based on your project.*

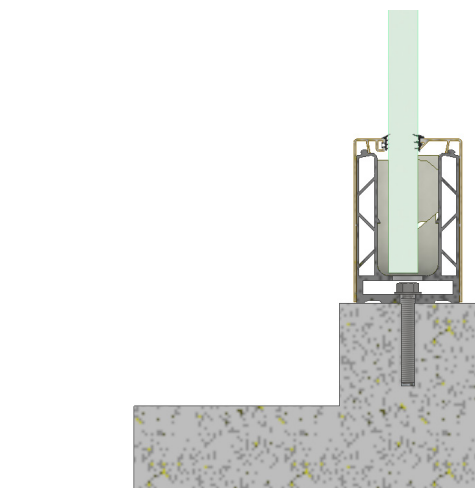
# All installation mounting possible



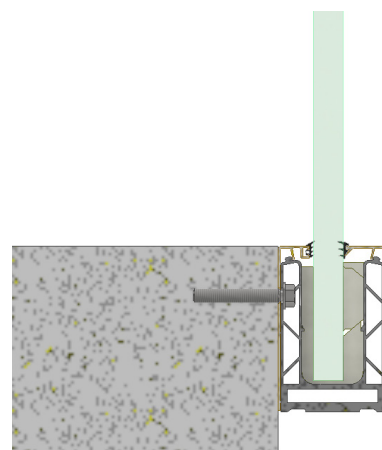
Floor Mounting



Built In Slab Mounting



Upstanding Mounting



Lateral Mounting

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Residential  
**GROOVE**  
**SLIM**  
**CORE**  
**STAR**  
**INFINITY**  
Railing

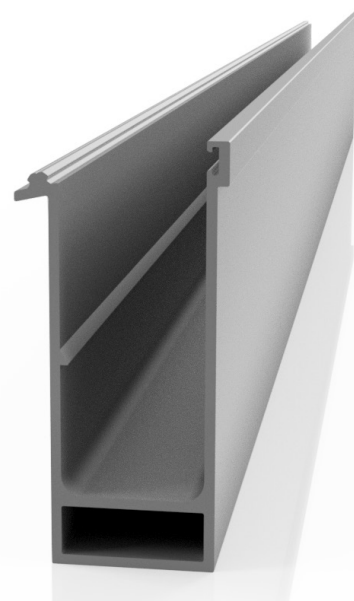


Commercial  
**CORE**  
**GROOVE**  
**INFINITY**  
Railing

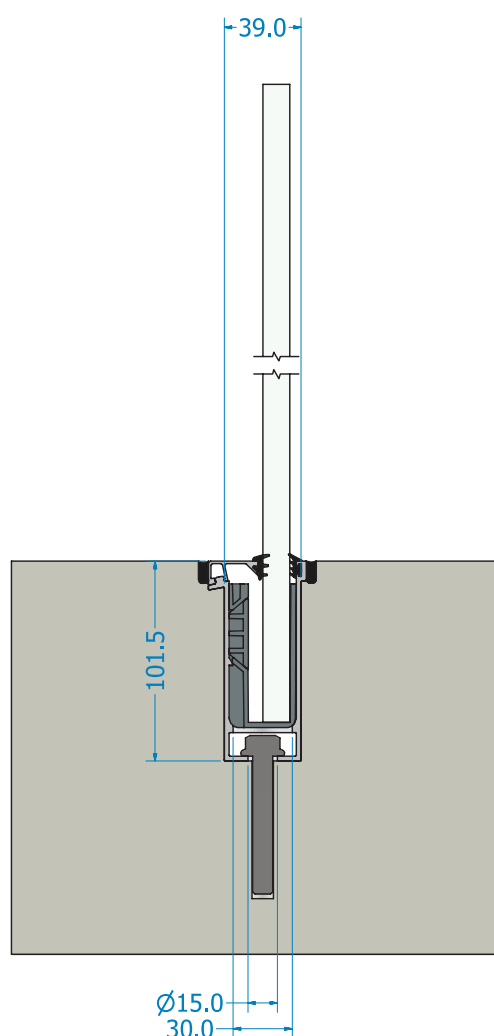


# INNOVERA GROOVE

Commercial Name	GROOVE
Profile Standard Length	6000mm <b>(Special order lengths possible)</b>
Profile Width	39mm
Profile Height	101mm
Material	Aluminum <b>(Special Alloy)</b>
Usage	Residential and Light Commercial Projects
Glass Thickness	from 10mm > 17.52mm
INNOVERA© Wedge	GROOVE/SLIM Wedges
Profile Finish	Mill Finish (standard) / Anodized / Super Durable Powder Coating
Workload	Up to 0.89 kN/m

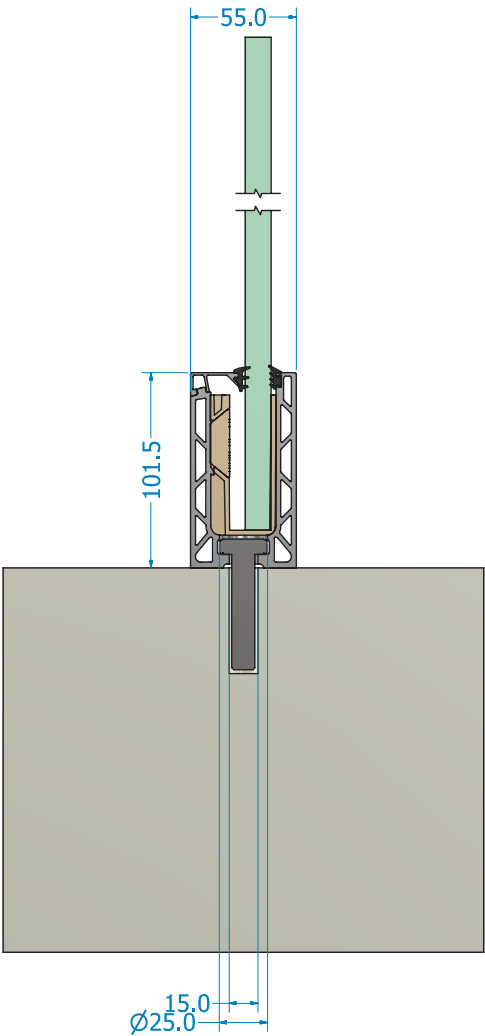
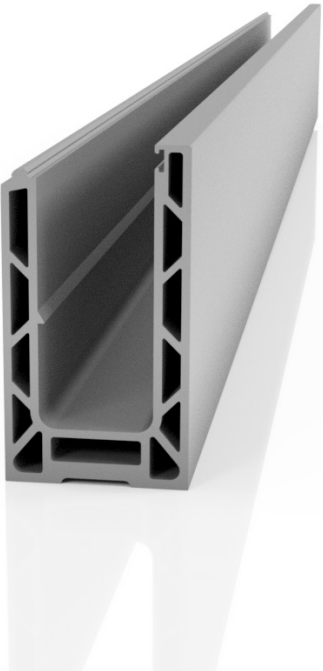


\* Has to be embedded in reinforced concrete



# INNOVERA SLIM

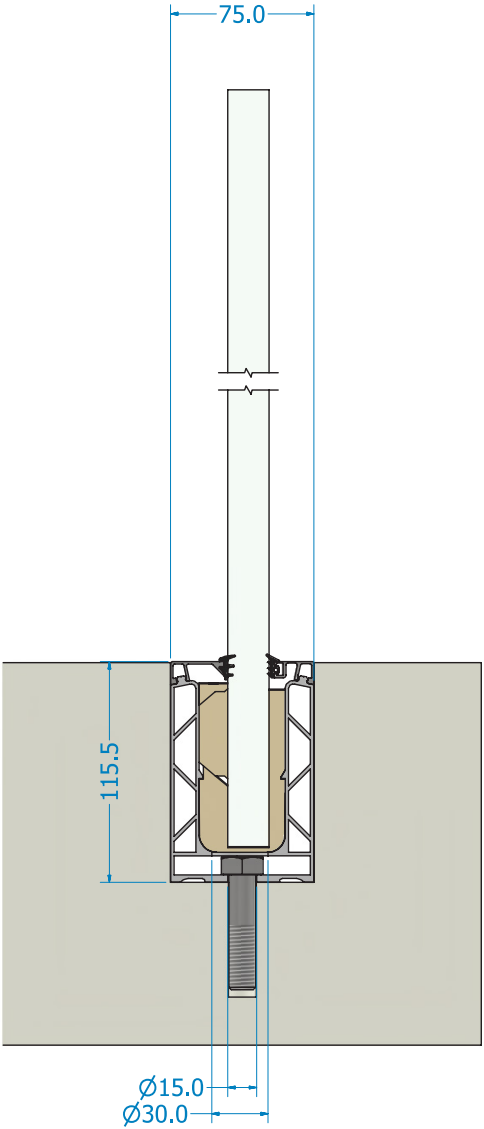
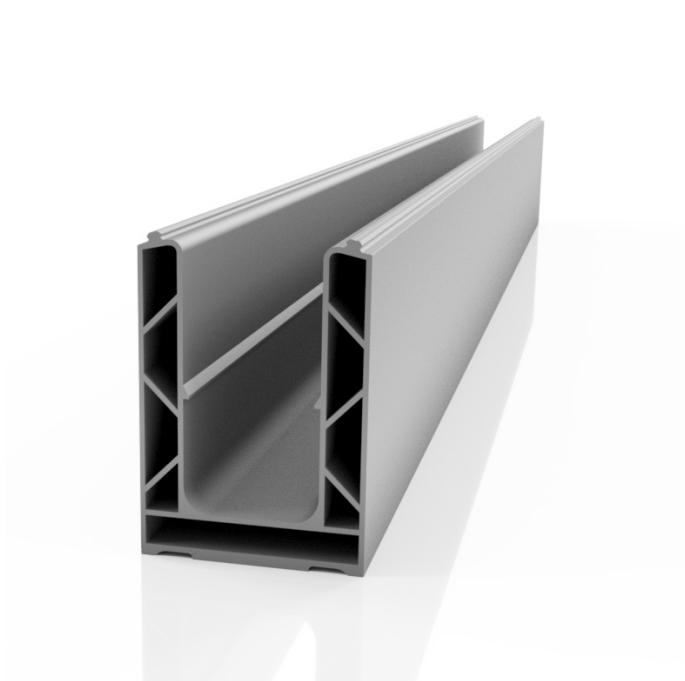
Commercial Name	SLIM
Profile Standard Length	6000mm <b>(Special order lengths possible)</b>
Profile Width	55mm
Profile Height	101mm
Material	Aluminum <b>(Special Alloy)</b>
Usage	Residential and Light Commercial Projects
Glass Thickness	from 10mm > 17.52mm
INNOVERA© Wedge	GROOVE/SLIM Wedges
Profile Finish	Mill Finish (standard) / Anodized / Super Durable Powder Coating
Workload	Up to 0.87 kN/m



# INNOVERA CORE

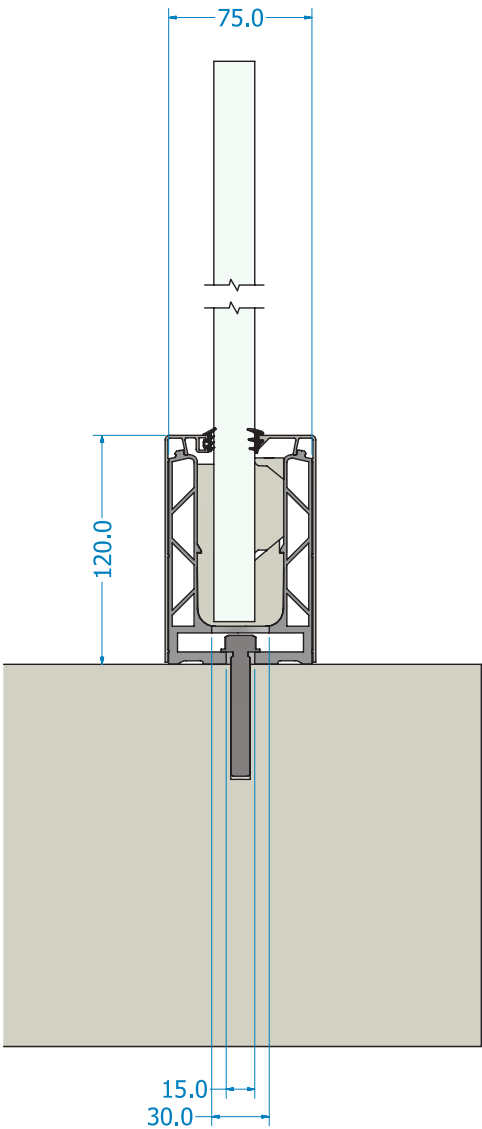
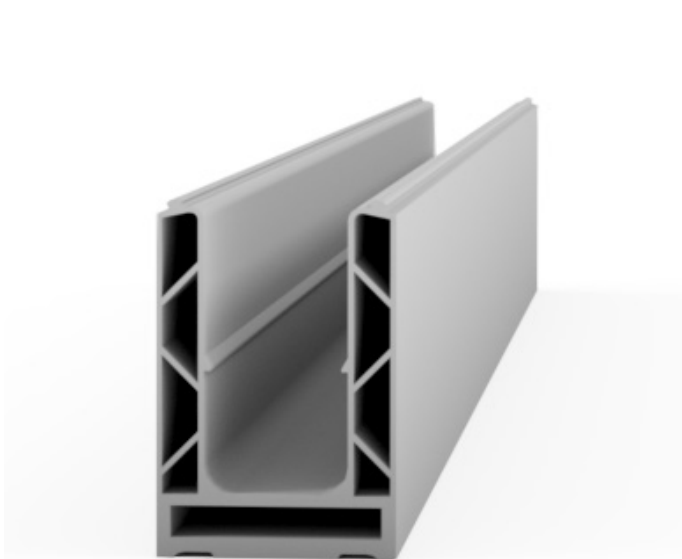
Commercial Name	CORE
Profile Standard Length	6000mm <b>(Special order lengths possible)</b>
Profile Width	75mm
Profile Height	120mm
Material	Aluminum <b>(Special Alloy)</b>
Usage	Residential and Light Commercial Projects
Glass Thickness	from 10mm > 25.52mm
INNOVERA© Wedge	CORE/STAR/INFINITY Wedges
Profile Finish	Mill Finish (standard) / Anodized / Super Durable Powder Coating
Workload	Up to 1.25 kN/m

*\* Has to be embedded in reinforced concrete*



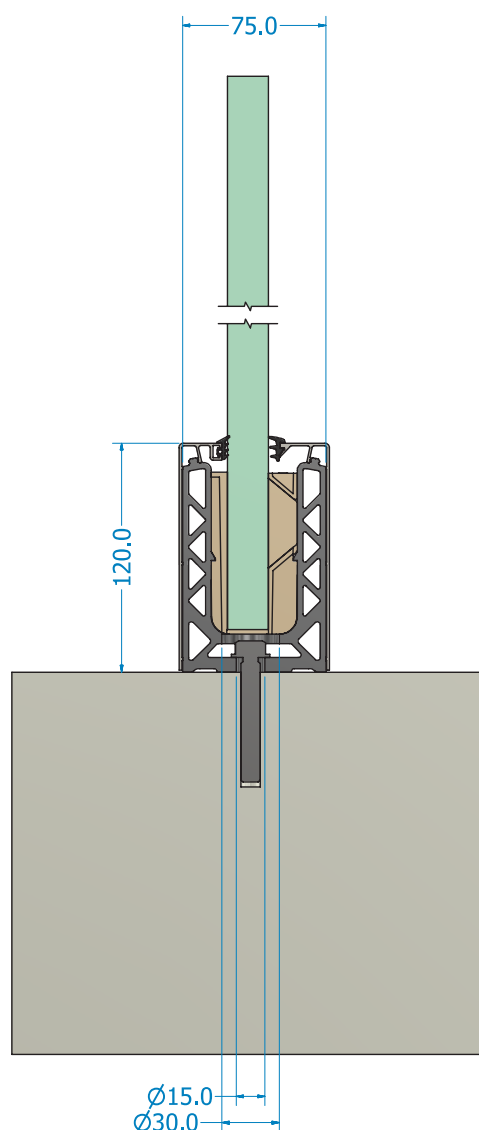
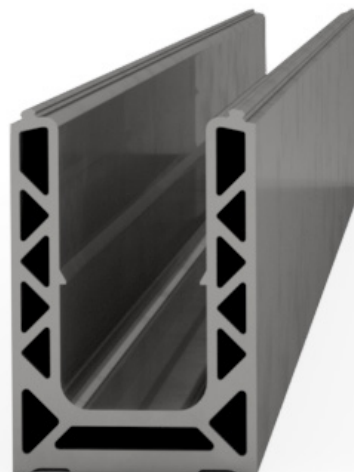
# INNOVERA STAR

Commercial Name	STAR
Profile Standard Length	6000mm <b>(Special order lengths possible)</b>
Profile Width	75mm
Profile Height	120mm
Material	Aluminum <b>(Special Alloy)</b>
Usage	Residential and Light Commercial Projects
Glass Thickness	from 10mm > 25.52mm
INNOVERA© Wedge	from 10mm > 21.52mm
INNOVERA© Wedge+	from 17.52mm > 25.52mm
Profile Finish	Mill Finish (standard) / Anodized / Super Durable Powder Coating
Workload	Up to 1.25 kN/m



# INNOVERA INFINITY

Commercial Name	INFINITY
Profile Standard Length	6000mm <b>(Special order lengths possible)</b>
Profile Width	75mm
Profile Height	120mm
Material	Aluminum <b>(Special Alloy)</b>
Usage	Heavy Commercial Projects – Extreme Loads
Glass Thickness	from 10mm > 25.52mm
INNOVERA© Wedge	from 10mm > 21.52mm
INNOVERA© Wedge+	from 17.52 mm > 25.52mm
Profile Finish	Mill Finish (standard) / Anodized / Super Durable Powder Coating
Workload	Up to 2.9 kN/m



# Railing System Selection Guide

	GROOVE	SLIM	CORE	STAR	INFINITY
Embedded	●	●	●	●	●
Top Mounted		●		●	●
Side Mounted					●
Glass thickness 10mm till 17.52mm	●	●	●	●	●
Glass thickness 17.52mm till 21.52mm			●	●	●
Glass thickness 21.52mm till 25.52mm					●
Height mm	101	101	120	120	120
Width mm	39	55	75	75	75
Max Load Kpa	0.89	0.87	1.25	1.25	2.9
Mill Finish	●	●	●	●	●
Powder Painting		●	●	●	●
Anodizing		●	●	●	●
Residential Application	●	●	●	●	●
Commercial Application	●		●		●
High Rise Buildings					●
One Side Installation	●	●	●	●	●

*This table is a general guideline useful for quick selection, a detailed structural analysis needs to be done for each project to ensure its safety*

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