



# BALUSTRADES

DEFENDER profiles

Point fixings

Columns

Handrail





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**BALUSTRADES**

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Volume 6  
**ACCESSORIES FOR  
GLASSWORKS**



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# Glass balustrades

*Your window on the world*





# Defender: band balustrades

## *Make room for the glass*

A complete range of profiles for balustrades that combines higher dedicated performance with the elegance of a lower profile that makes room for the glass.

The DEFENDER series was created in 2014 thanks to the launch of the first profiles for glass balustrades. Over the year, our R&D department has improved the performance of LOGLI systems to achieve a complete range for each request, ensuring high quality features.

DEFENDER is synonymous with safety, beauty and quality.





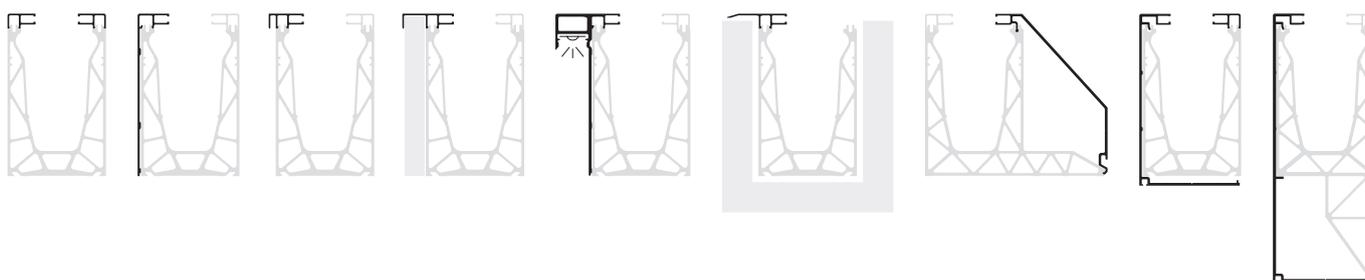
# DEFENDER 810

## *The panorama at your fingertips*

The DF810 range, with all its installation possibilities, adapts to all your needs: minimalist profiles that will amaze you thanks to their high performance.

All aluminium profiles are protected with 20-micron anodisation or HPQ paint for increased durability, even in aggressive environments. Load-bearing profiles are supplied pre-drilled every 200 mm, ready for installation. On request, we offer the possibility to create profiles with additional holes or custom cuts for each project. Pre-assembled fasteners made of high-performance composite plastic block the glass easily and quickly, guaranteeing the highest safety and superior durability. In addition, the new modular concept of blocking systems means panes of different thicknesses can be installed without changing the system. The inclination of the glass can be adjusted and the position blocked by acting on both sides of the system.

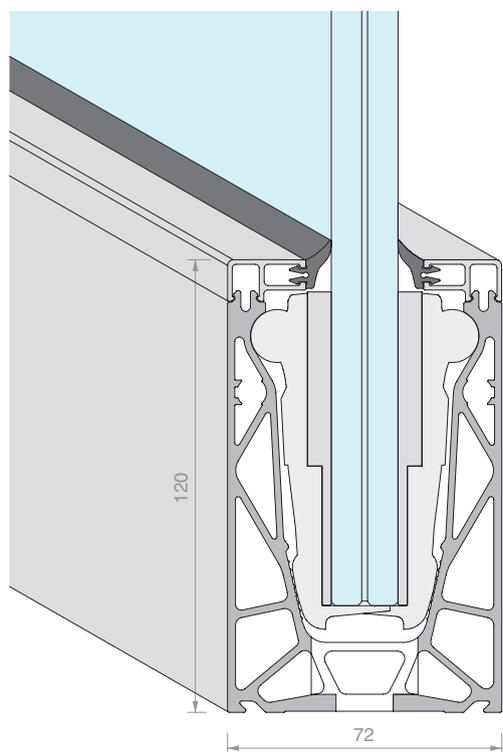
### Available finishing covers:



### DEFENDER 810LM KIT

FLOOR INSTALLATION

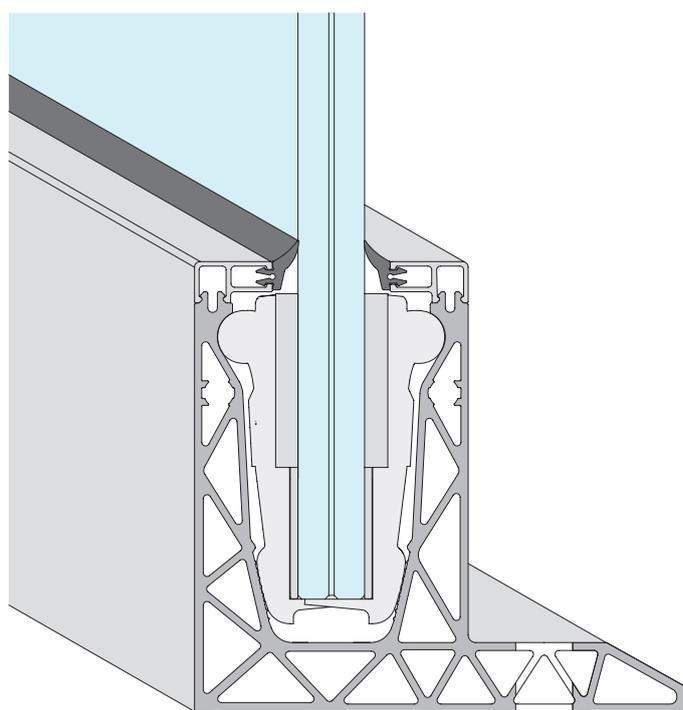
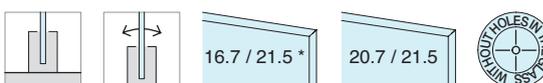
Finish: /6 /10 /88 /97 /RAL



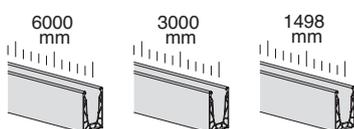
### DEFENDER 810DK KIT

FLOOR INSTALLATION WITH SIDE FIN

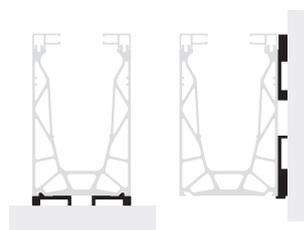
Finish: /97



All Defender kits are available in stock in three sizes:

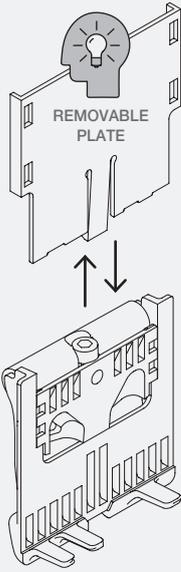


Optional water drainage profile:



**\* MODULAR CLAMPS  
for DEFENDER810**

DEFENDER810 clamps are designed to permit two configurations: 8+8 panes of glass using the thickness adaptors, and 10+10 panes of glass without the thickness adaptors.



**DF1721**

This model of clamp is already configured for 8+8 panes of glass. It uses the thickness adaptors.

**Reversible configuration**

The clamp can be reversed by removing the thickness adaptors. It adapts to 10+10 panes of glass.

**DF2121**

This model of clamp is already configured for 10+10 panes of glass. It does not use the thickness adaptors.

**Reversible configuration**

The clamp can be reversed. Order the thickness adaptors separately and insert them to adapt to 8+8 panes of glass.



DF1721

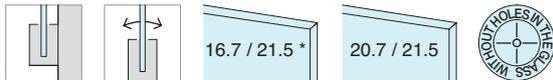


DF2121

**DEFENDER 810FR KIT**

SLAB INSTALLATION

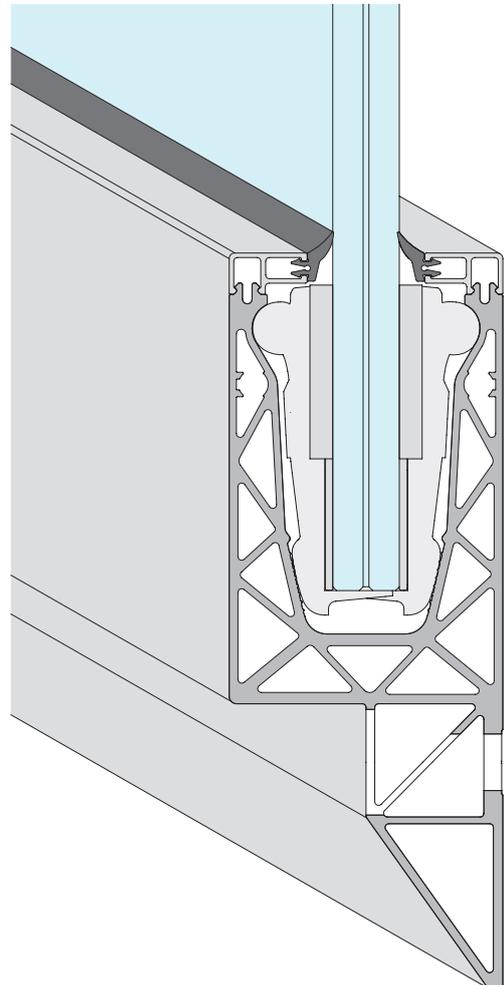
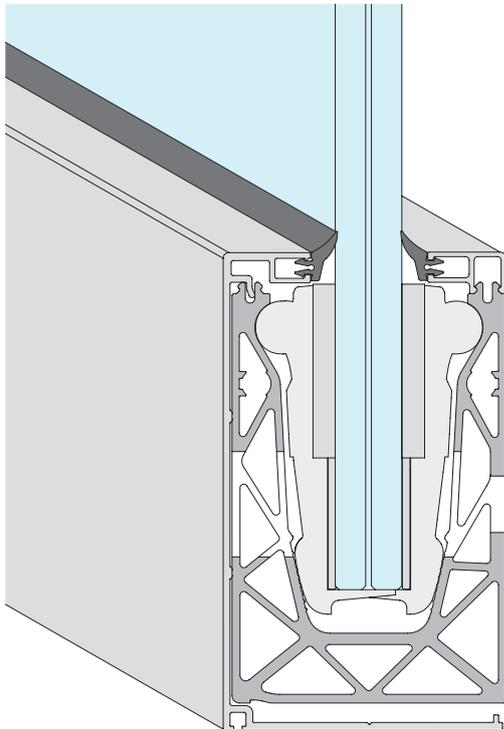
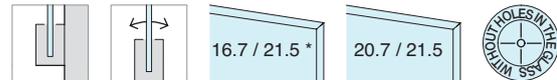
Finish: /6 /10 /88 /97 /RAL



**DEFENDER 810SP KIT**

SLAB INSTALLATION WITH LOWER FIN

Finish: /97



\* Profiles are supplied without coating. Protection must be ensured using the appropriate techniques depending on the intended use.





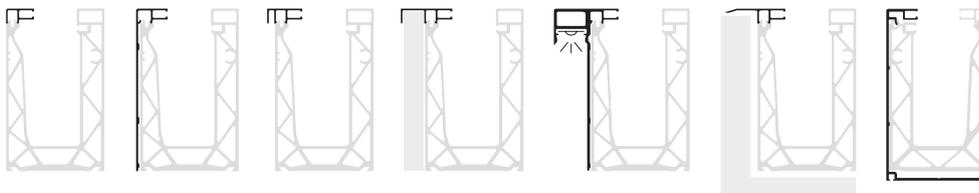
# DEFENDER 810 SINGLE-SIDED ADJUSTABLE

## *Adjustement at your fingertips*

The DEFENDER range is expanded with the innovative single-sided adjustment and fixing system: a new ally at your side that will be indispensable in the most complex installations, particularly where it is difficult to access both sides of the system. Not only does the new profile remain minimal like the rest of the range, it also increases the performance of the glass using continuous support gaskets on the outer side.

All aluminium profiles are protected with 20-micron anodisation or high-performance quality paint for increased durability, even in aggressive environments. Load-bearing profiles are supplied pre-drilled every 200 mm, ready for installation. On request, we offer the possibility to create profiles with additional holes or custom cuts for each project. The innovative insertion and adjustment system consists of pre-assembled fasteners made of high-performance composite plastic, including a moving ferrule to activate the adjustment device of the glass by acting only on the interior side. In addition, the new modular concept of blocking systems means panes of different thicknesses can be installed without changing the system.

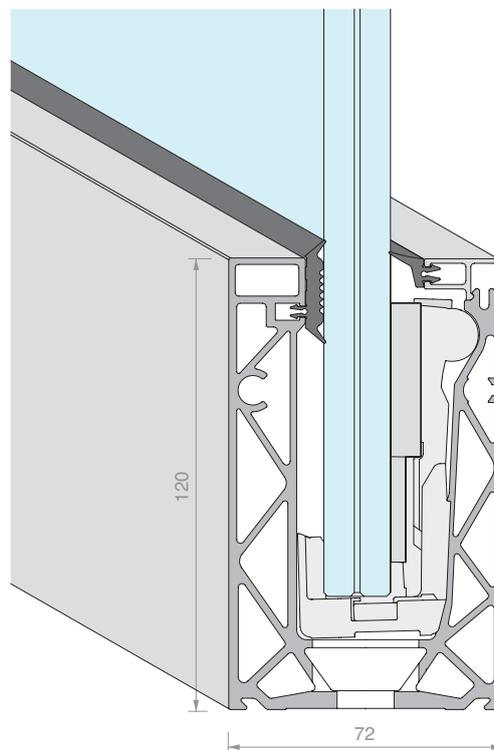
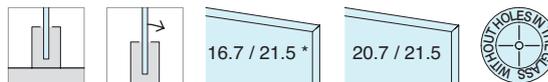
### Available finishing covers:



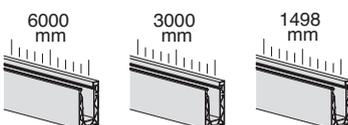
### DEFENDER 810MR KIT

#### FLOOR INSTALLATION

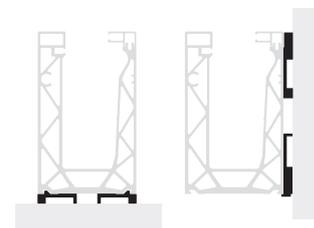
Finish: /6 /10 /88 /97 /RAL



All Defender kits are available in stock in three sizes:



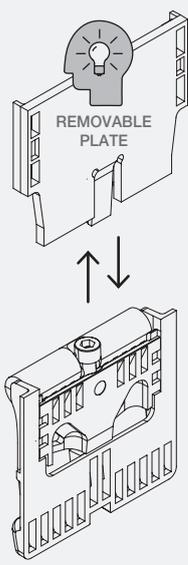
Optional water drainage profile:



**\*MODULAR CLAMPS  
for DEFENDER810MR**

DEFENDER810MR clamps are designed to permit two configurations: 8+8 panes of glass using an adjustable adaptor, and 10+10 panes of glass without the thickness adaptors.

Clamp kit provided with adjustment tool DFUT01

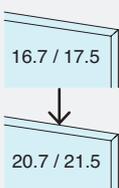
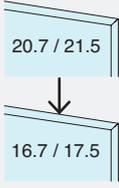


**DF1721MR**  
This model of clamp is already configured for 8+8 panes of glass. It uses the thickness adaptors.

**Reversible configuration**  
The clamp can be reversed by removing the thickness adaptors. It adapts to 10+10 panes of glass.

**DF2121MR**  
This model of clamp is already configured for 10+10 panes of glass. It does not use the thickness adaptors.

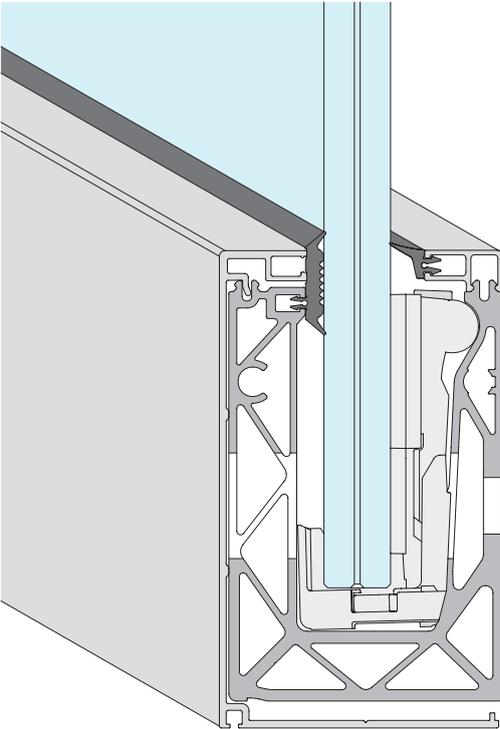
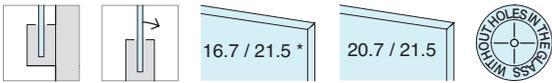
**Reversible configuration**  
The clamp can be reversed. Order the thickness adaptors separately and insert them to adapt to 8+8 panes glass.


**DEFENDER 810MF KIT**

SLAB INSTALLATION

Finish: /6 /10 /88 /97 /RAL



\* Profiles are supplied without coating. Protection must be ensured using the appropriate techniques depending on the intended use.





# DEFENDER XP and PICO

*The smallest, the most resistant*

The PICO range offers all the safety of the DEFENDER line in smaller dimensions. Suitable for application on walls or in any solution where the existing height of the balustrades is not enough.

All aluminium profiles are protected with 20-micron anodisation or high-performance quality paint for increased durability, even in aggressive environments. Load-bearing profiles are supplied pre-drilled every 200 mm, ready for installation. On request, we offer the possibility to create profiles with additional holes or custom cuts for any project.

Fasteners made of high-performance composite plastic for superior durability and safety: ready for use, for even faster installation. XP series, with two-sided glass adjustment. PICO series, with single-sided installation with no adjustment.

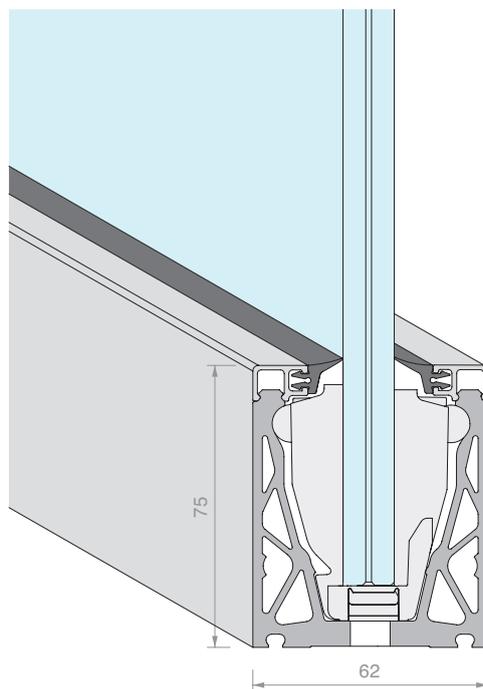
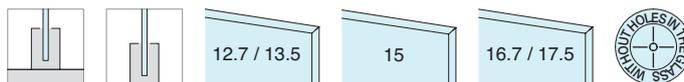
Available finishing covers:



## DEFENDER XP KIT

FLOOR INSTALLATION

Finish: /6 /10 /88 /97 /RAL



All Defender kits are available in stock in three sizes:





**DEFENDER XP DOUBLE-SIDED  
ADJUSTABLE CLAMPS**

Material: POM, Grivory, Stainless steel



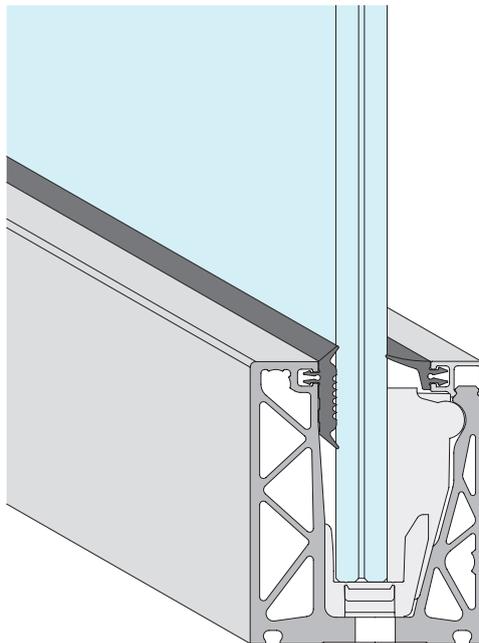
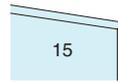
**DEFENDER PICO  
SINGLE-SIDED CLAMPS**

Material: POM, Aluminium (DFP17) or Grivory, Stainless steel

**DEFENDER PICO KIT**

FLOOR INSTALLATION

Finish: /6 /10 /88 /97 /RAL



\* Profiles are supplied without coating. Protection must be ensured using the appropriate techniques depending on the intended use.



  
D'OLIVO  
★ ★ ★ ★ ★

  
D'OLIVO  
★ ★ ★ ★ ★



D'OLIVO  
\*\*\*\*\*

# DEFENDER 1212

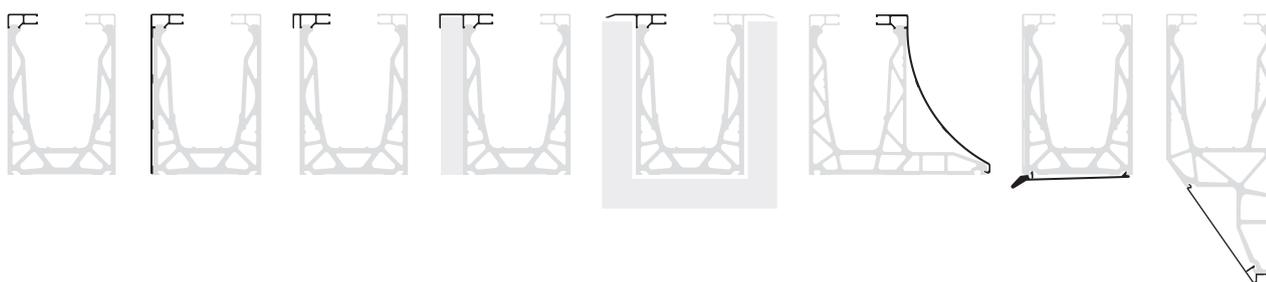
## *The strength for the most extreme solutions*

Thick, rigid, resistant panes of glass, these systems support very high operating loads. The exceptional characteristics make these profiles particularly suitable for use in stadiums, crowded places, or as high wind screens in areas exposed to strong gusts of wind.

All aluminium profiles are protected with 20-micron anodisation or high-performance quality paint for increased durability, even in aggressive environments. Load-bearing profiles are supplied pre-drilled every 200 mm, ready for installation. On request, we offer the possibility to create profiles with additional holes or custom cuts for any project.

Pre-assembled fasteners made of high-performance composite plastic block the glass easily and quickly, guaranteeing the highest safety and superior durability. The inclination of the glass can be adjusted and the position blocked by acting on both sides.

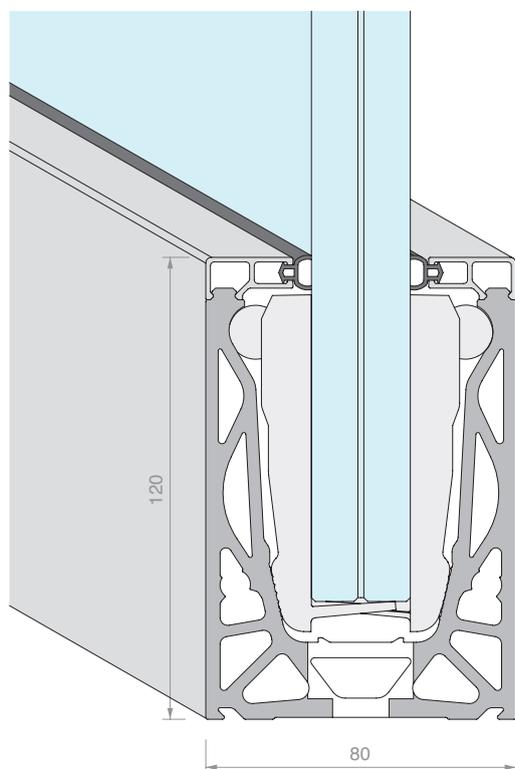
### Available finishing covers:



### DEFENDER 1212LM KIT

FLOOR INSTALLATION

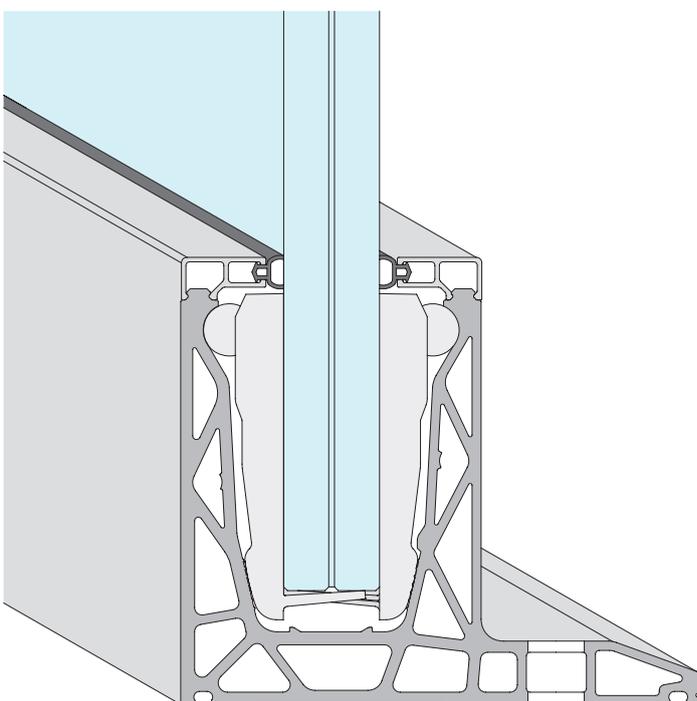
Finish: /97



### DEFENDER 1212DK KIT

FLOOR INSTALLATION WITH SIDE FIN

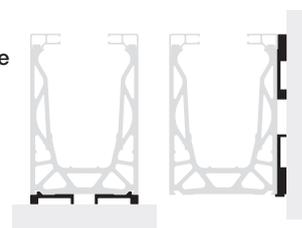
Finish: /97



All Defender kits are available in stock in three sizes:



Optional water drainage profile:





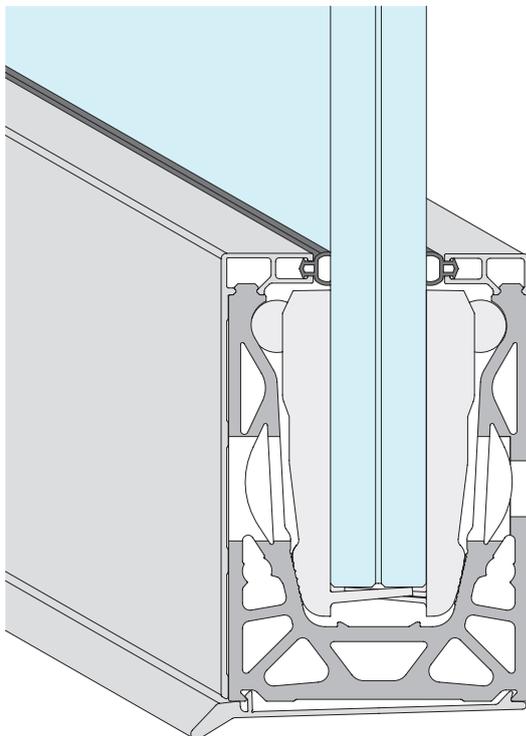
**DEFENDER 1212 DOUBLE-SIDED  
ADJUSTABLE CLAMPS**

Material: POM, Aluminium, Stainless steel, TPE

**DEFENDER 1212FR KIT**

SLAB INSTALLATION

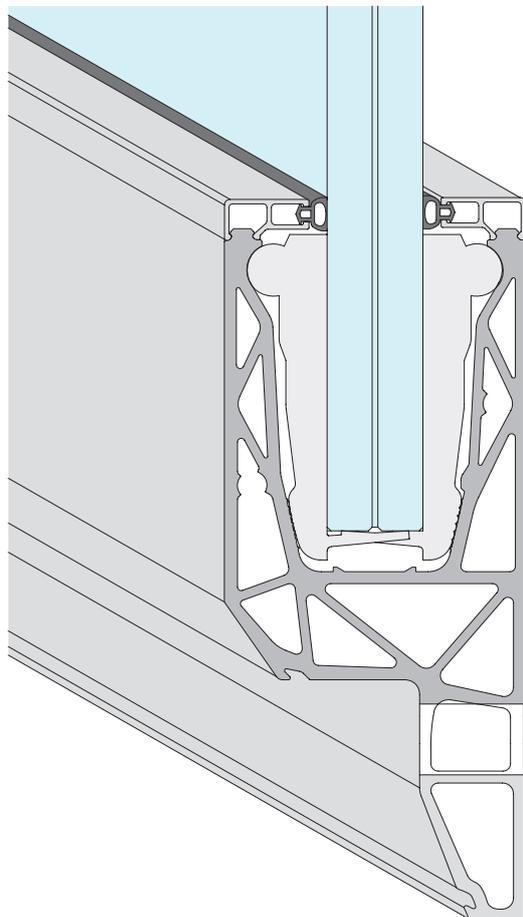
Finish: /97



**DEFENDER 1212SP KIT**

SLAB INSTALLATION WITH LOWER FIN

Finish: /97



\* Profiles are supplied without coating. Protection must be ensured using the appropriate techniques depending on the intended use.





# POINT FIXINGS FOR BALUSTRADES

*Full transparency  
and safety*

Point fixings really bring out the quality of glass, giving your balustrade the lightness associated with an all-glass product.



# EVO series

A range of point fixings with high mechanical properties that are suitable for every requirement.

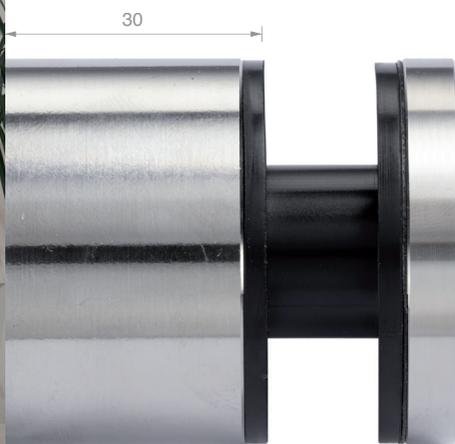
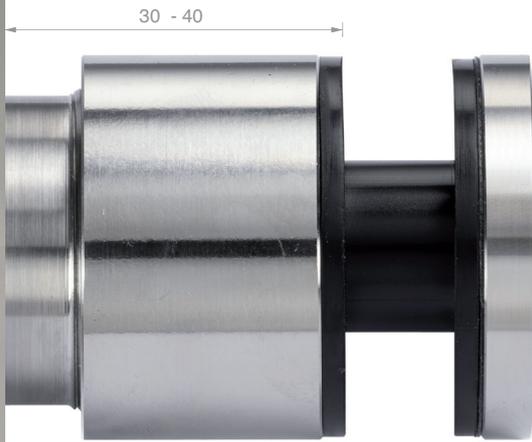
Choose from visible screws or blind studs, adjustable or fixed spacers: every option in the EVO range offers enviable levels of performance.

A material for every application: EVO point fixings are made of solid stainless steel and are available in:

**AISI 304**  
for indoor use

**AISI 316**  
for use in more hostile environments

**3** MODELS  
**2** MATERIALS  
**5** FINISHES



AISI 316 /8 /15

AISI 304 /8 /15 /97 /R2 /RAL









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