

FRAMELESS GLASS BALUSTRADE

CHANNEL PROFILES

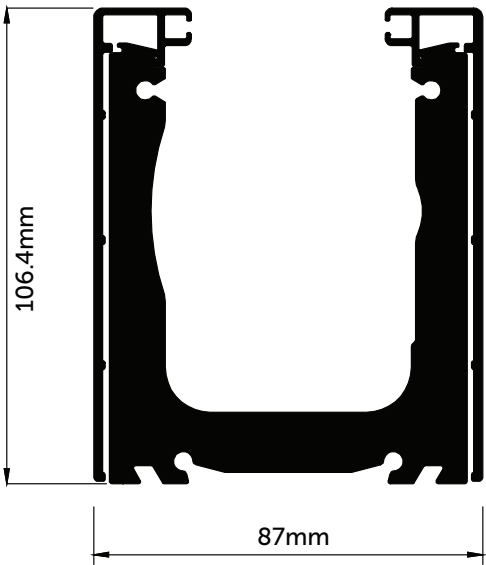
BMARCHITECTURAL

FRAMELESS GLASS BALUSTRADE CHANNEL PROFILES

EasyLock 0.74/1.5/3kN

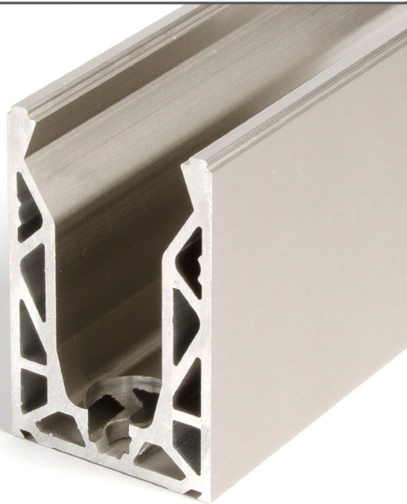
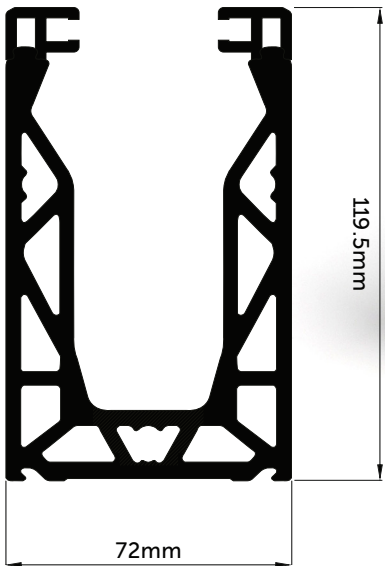
Specification	
	Loading (kN)
A2 (Base Fix)	0.74
Base Fix	1.5/3
Side Fix	1.5
Glass Thickness (mm)	
Min	12
Max	21.5
Finish	
Base Fix	Mill/Anodised Brush
Side Fix	Mill
Fixing Centre	200mm
Available Length	
3m	•
6m	•
Page	3-6

SINGLE SIDE ADJUSTABLE



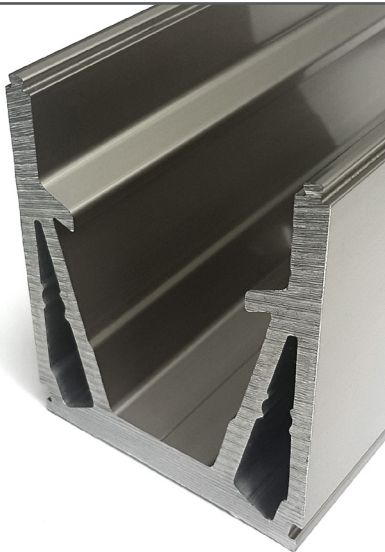
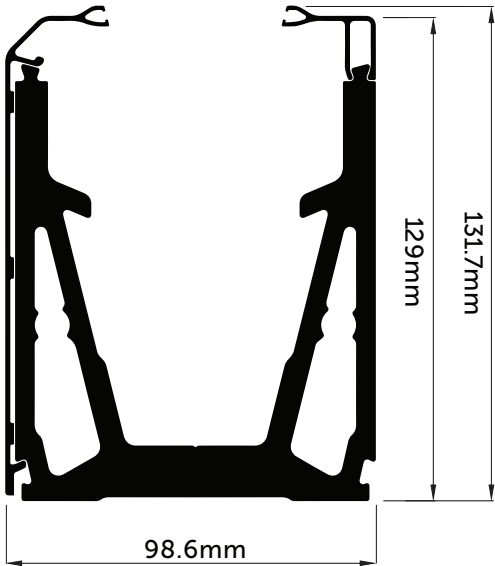
EasyFit 1.5kN

Specification	
	Loading (kN)
Base Fix	1.5
Side Fix	1.5
Glass Thickness (mm)	
Min	12
Max	21.5
Finish	
Base Fix	Satin Anodised Brush
Side Fix	Anodised Mill
Fixing Centre	400mm for 0.74 kN & 200mm for 1.5 kN
Available Length	
3m	•
6m	•
Page	7-10



EasyFit Pro 3kN

Specification	
	Loading (kN)
Base Fix	3
Side Fix	3
Glass Thickness (mm)	
Min	25
Max	33
Finish	
Base Fix	Satin Anodised Brush
Side Fix	Anodised Mill
Fixing Centre	200mm
Available Length	
3m	•
6m	-
Page	11-15



EAZYLOCK 1.5KN

GLASS BALUSTRADE SYSTEM



TILT ADJUSTMENT

Unique engineered rotating pressure plate system enabling tilt adjustment from the balcony side resulting in faster and easier installation and perfect installation every time.

FULLY ENGINEERED

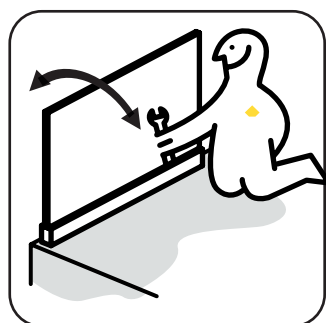
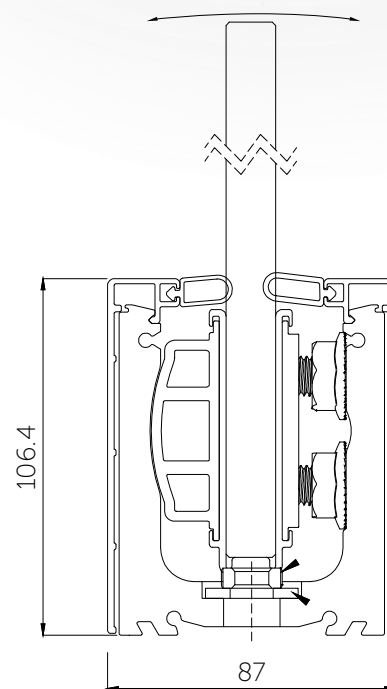
Concealed fixings can be base, side or recessed fit and available with anodised top bead or side cladding suitable for 12-21.5mm glass.

BALCONY/SINGLE SIDED INSTALLATION

Speeding up a full project installation. Eliminating the need for scaffold or expensive plant hire.



Over 4° of alignment correction



Balcony Adjustable

Tilt angle adjustable using a 19mm spanner from the safety of the balcony side, eliminating the need for plant hire.

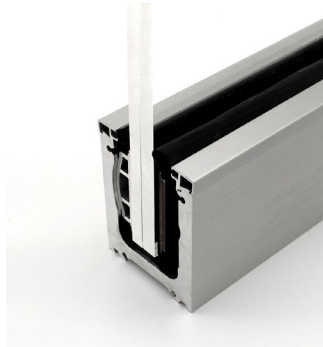
EASYLOCK 1.5kN COMPONENTS

EasyLock 1.5kN Channel

9042/3/7

Article	Finish	Fixing	Length
9042	Mill	Base fix	3/6m
9047	Brush	Base fix	3/6m
9043	Mill	Side fix	3/6m

Pre drilled. Photo shows 9042 channel.



Clamp Kits

9540/1/2/3

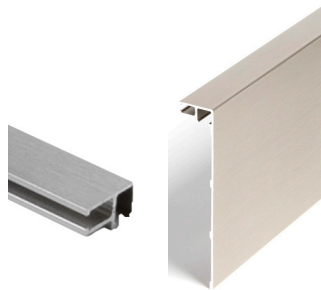
Article mm	Glass
9540	12-13.5
9541	15-17.5
9542	19-21.5
9543	25.5

Pre-packed clamps to suit 3m channel.



Top Bead + Cladding

Article	Finish	Description	Length
9044	Mill	Top Bead	3m
9048	Brush	Top Bead	3m
9045	Brush	Cladding	3m



Accessories

Article	Description	Qty	Length mm
9547	Dowels	Pair	-
9548	Divider	-	21.5



End Caps

958

Article	Application
9586	Clad Both Side
9583	Clad Single Side
9580	No Cladding



Pre-made 90° Corner

9544/9

Article	Finish	Fixing	Length mm
9544	Mill	Base fix	200x200
9549	Brush	Base fix	200x200
9545	Mill	Side fix	200x200



EasyLock Spanner

19mm

Article	Application
EL-Spanner-2	185mm long



Drainage Block

9550

Article	Pack	Fixing
9500	Individual	Base Fix



Fixing Options

The number of fittings required to achieve the specified loadings.

Base Fixed Concrete

Glass kN/M	12	15	17.5	19	21.5 SGP
0.36	3	3	3	3	3
0.74	-	3	3	3	4
1.5	-	-	-	4	4

Bolted down into concrete at 200mm centres

Base Fixed Steel

Glass kN/M	12	15	17.5	19	21.5 SGP
0.36	3	3	3	3	3
0.74	-	4	4	4	4
1.5	-	-	-	-	4

Bolted down into steel at 200mm centres

Side Fixed Concrete

Glass kN/M	15	17.5	19	21.5 SGP
0.36	-	3	-	4
0.74	-	-	-	4
1.5	-	-	-	4

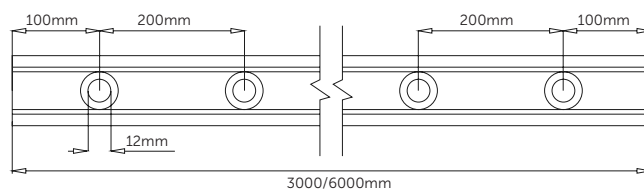
Bolted down into concrete at 200mm centres.

Side Fixed Steel

Glass kN/M	15	17.5	19	21.5 SGP
0.36	-	3	-	4
0.74	-	-	-	4
1.5	-	-	-	4

Bolted down into steel at 200mm centres.

Drill Fixing Centres



EAZYLOCK 3KN

GLASS BALUSTRADE SYSTEM



TILT ADJUSTMENT

Unique engineered rotating pressure plate system enabling tilt adjustment from the balcony side resulting in faster and easier installation and perfect installation every time.

FULLY ENGINEERED

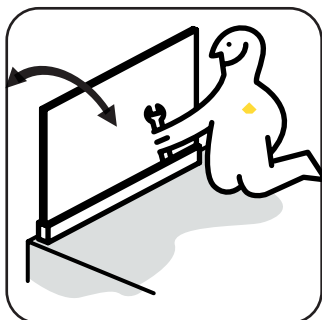
Concealed fixings can be base, side or recessed fit and available with anodised top bead or side cladding suitable for 25.5mm glass.

BALCONY/SINGLE SIDED INSTALLATION

Speeding up a full project installation. Eliminating the need for scaffold or expensive plant hire.

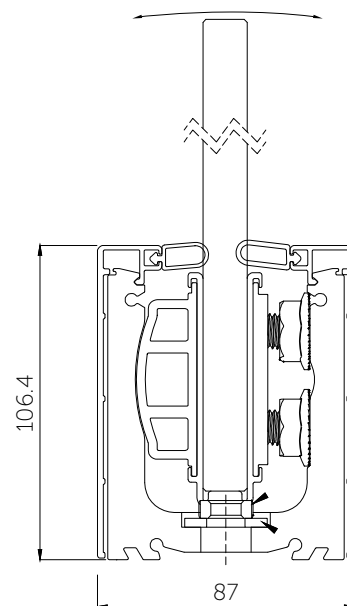


Over 4° of alignment correction



Balcony Adjustable

Tilt angle adjustable using a 19mm spanner from the safety of the balcony side, eliminating the need for plant hire.



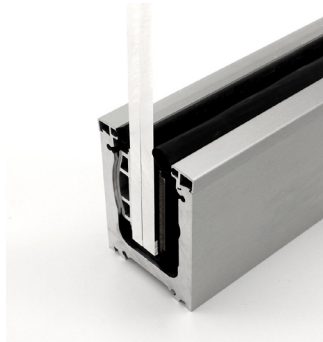
EazyLock 3.0kN COMPONENTS

EazyLock 3.0kN Channel

9042/7

Article	Finish	Fixing	Length
9042	Mill	Base fix	3/6m
9047	Brush	Base fix	3/6m

Pre drilled. Photo shows 9042 channel.

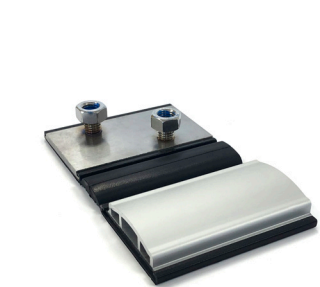


Clamp Kits

9543

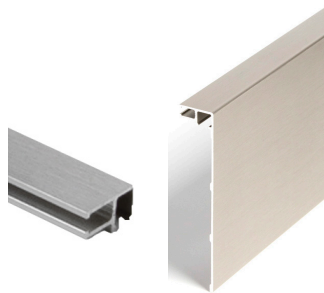
Article	Glass mm
9543	25.5

Pre-packed clamps to suit 3m channel.



Top Bead + Cladding

Article	Finish	Description	Length
9044	Mill	Top Bead	3m
9048	Brush	Top Bead	3m
9045	Mill	Top Bead Cladding	3m



Accessories

Article	Description	Qty	Length mm
9547	Dowels	Pair	-
9548	Divider	-	21.5



End Caps

958

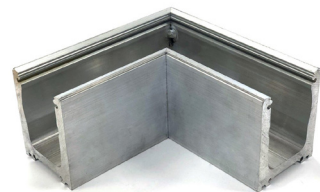
Article	Application
9586	Clad Both Side
9583	Clad Single Side
9580	No Cladding



Pre-made 90° Corner

9544/9

Article	Finish	Fixing	Length mm
9544	Mill	Base fix	200x200
9549	Brush	Base fix	200x200



EazyLock Spanner

19mm

Article	Application
EL-Spanner-2	185mm long



Drainage Block

9550

Article	Pack	Fixing
9500	Individual	Base Fix



Fixing Options

The number of fittings required to achieve the specified loadings.

Base Fixed Concrete

Glass kN/M	25.5 SGP
3.0	5

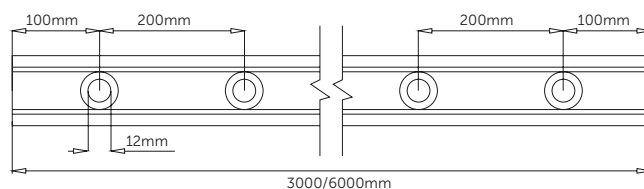
Bolted down into concrete at 200mm centres.

Base Fixed Steel

Glass kN/M	25.5 SGP
3.0	5

Bolted down into steel at 200mm centres.

Drill Fixing Centres



EAZYFIT 1.5KN GLASS BALUSTRADE SYSTEM



FULLY ADJUSTABLE CLAMP SYSTEM

Easy to line-up glass

Tested up to 1.5kN (BS 6180)

Dry-glazed clamp system for clean and fast installation (no epoxy sealant required) and easy replacement of broken glass panels

Cost effective: Reduced labour time on site (Fixed every 400 or 200mm)

Light-weight & Pre-drilled profiles: Off-the-shelf kit

Available as Base or Side Fix to suit 12 to 21.5mm glass

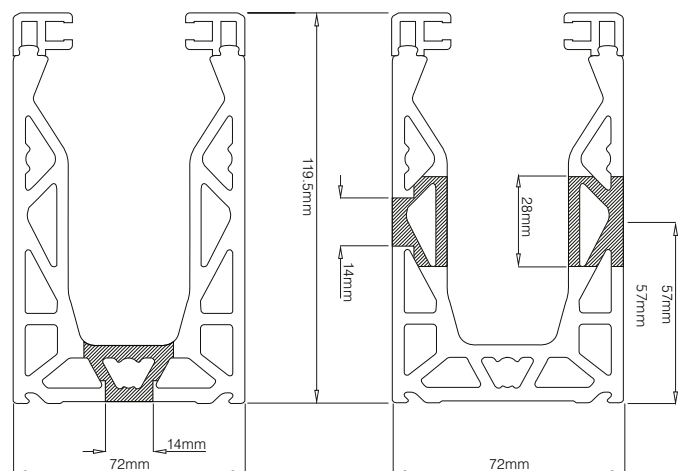
Suitable for indoor and outdoor applications (totally anodised extrusion)

Top rail (slotted tube), gaskets and connectors available ex-stock

Fully tested system for domestic and residential projects; Offices and working environment (incl. storage), restaurant & bars



Image shows
1.5kN with
Base Fix drilled
hole (9002)



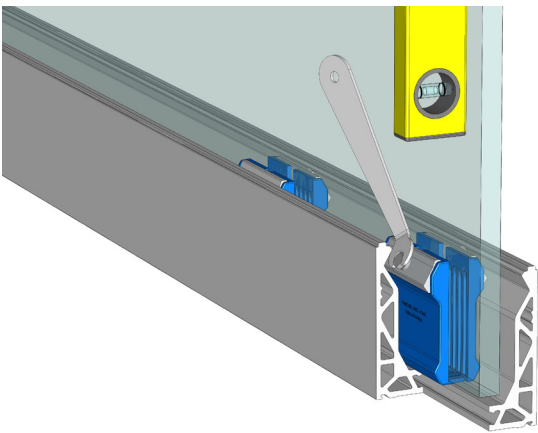
Channel Dimensions

Please see table overleaf for GLASS DEDUCTIONS depending on glass thickness.

EAZYFIT 1.5KN FITTING OPTIONS

Fully Adjustable

Quick and simple glazing angle adjustment after installation to fine tune alignment or correct any structural anomalies.



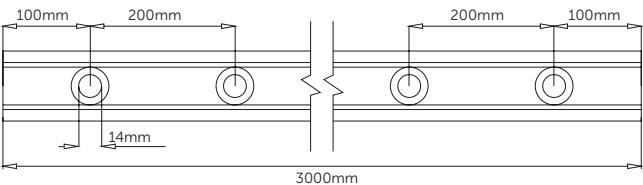
Glass Deduction

Glass deductions FROM THE BOTTOM OF CHANNEL section to BOTTOM OF GLASS EDGE typically measure:-

Glass Thickness mm	Glass Deduction
10	21.5
12	24.5
13.5	23
15	21.5
17.5	22.5
19	22.5
21.5	22.5

Variations from measurements apply due to glass tolerances.
This chart should be used as a guide only.

Drill Fixing Centres



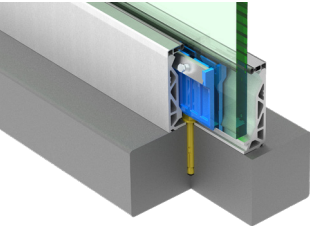
Fixing centre: 400mm for 0.74kN and 200mm for 1.5kN

Fixing Options

Concrete Base Fixing

Glass kN/M	12 SG	13.5 SG	15 SG	17.5 SG	19 SG	21.5 EVA	21.5 SG
0.36	•	•	-	-	-	-	-
0.74	-	-	•	•	•	•	-
1.5	-	-	-	-	•	-	•

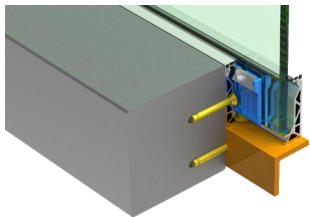
Aluminium shoe base bolted down into concrete at 200mm centres.



Concrete Side Fixing

Glass kN/M	12 SG	15 SG	19 SG	21.5 SG
0.36	•	-	•	-
0.74	-	•	•	•
1.5	-	-	-	-

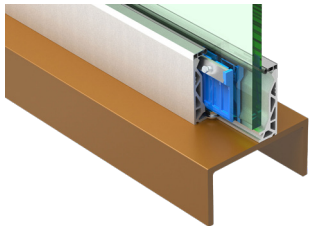
Aluminium shoe base bolted down into concrete at 200mm centres.



Steel Based Fixing

Glass kN/M	12 SG	13.5 SG	15 SG	17.5 SG	19 SG	21.5 EVA	21.5 SG
0.36	•	•	-	-	-	-	-
0.74	-	-	•	•	•	•	•
1.5	-	-	-	-	•	-	•

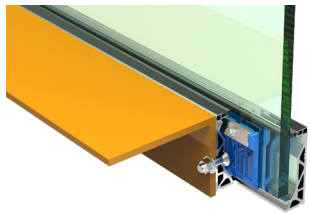
Aluminium shoe base bolted down into steel at 200mm centres with M12 - 10.9 fixings.



Steel Side Fixing

Glass kN/M	12 SG	15 SG	19 SG	21.5 SG
0.36	•	-	•	-
0.74	-	•	•	•
1.5	-	-	-	•

Aluminium shoe base bolted down into concrete at 200mm centres.



Timber Base Fixing

Glass kN/M	12 SG	15 SG	19 SG	21.5 SG
0.36	•	-	-	-
0.74	-	-	-	•
1.5	-	-	-	-

Aluminium shoe base bolted down into concrete at 200mm centres.



1.5kN Channel

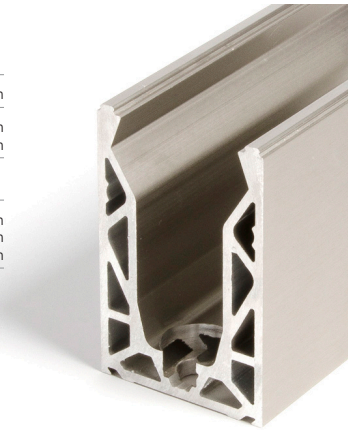
9002 - Base Fix

Article	Length
9002 EFBF 3M	3m
9002 EFBF 6M	6m

9003 - Side Fix

Article	Length
9003 EFSF 3M	3m
9003 EFSF 6M	6m

Pre drilled, anodised satin stainless finish.

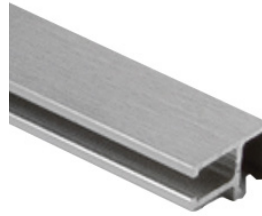


Top Bead

9004

Article	Length
9004	3m

Anodised satin stainless finish.

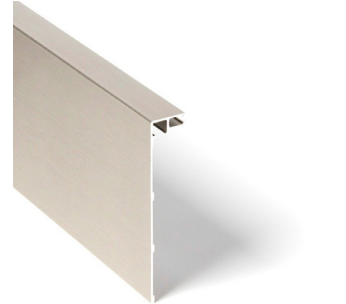


Side Cladding

9005

Article	Length
9005	3m

Anodised satin stainless finish.



1.5kN Black Channel

9002 - Base Fix

Article	Length
9002 BLACK EFBF 3M	3m
9002 BLACK EFBF 6M	6m

Pre drilled, anodised satin stainless finish.



Top Bead Black

9004

Article	Length
9004 BLACK	3m

Anodised satin stainless finish.



Side Cladding Black

9005

Article	Length
9005 BLACK	3m

Anodised satin stainless finish.



Pre-made 90° Corner

90

Article	Type	Finish
90.9002	Base	Satin
90.9002-BLK	Base	Black
90.9003	Side	Satin

135x135mm



Bottom Cover

9006

Article	Finish
9006	Satin
9006 Black	Black

3m length.



Clamp Kits

94

Article	Glass mm
94120	12
94135	13.5
94150	15
94175	17.5
94190	19
94215	21.5

Pre-packed clamps to suit 3m channel. Including: clamps; bars; bolts and gasket.



Cladding Insert

9007

Article	Length
9007	3m

Anodised satin stainless finish



EAZYFIT 1.5KN COMPONENTS CONT.

End Caps Base Fix/Raked

Article	Fixing
9504	Base Fix
9508	Base Fix
9509	Base Fix
9511	Base Fix
9503	Raked

End Caps Side Fix

Article	Fixing
9508	Side Fix
9505-L	Side Fix
9505-R	Side Fix

Top Seal Gasket

PGA

Article	Glass mm
PGA-001	12-17.5mm
PGA-002	19-21.5mm

Dowels

9507

Article	Qty
9507	Pair

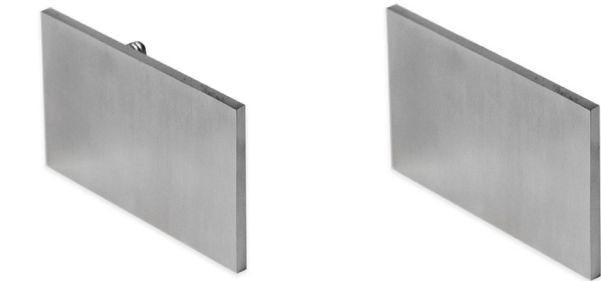


Photo shows article 9511



Timber Plate

9515

Article	Qty
9515	Each
9515-3M	15



Spanner

9506

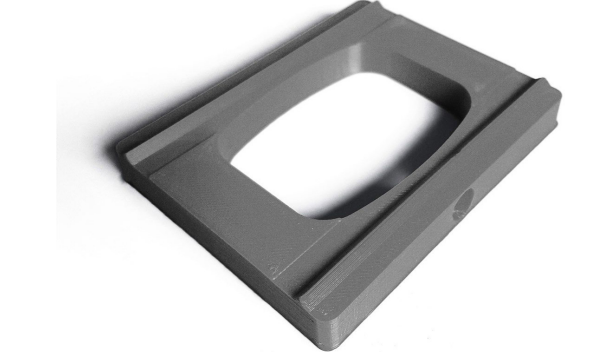
Article	Qty
9506	Each



Drainage Block

9510

Article	Pack	Fixing
9510	Individual	Base Fix
9510SF	Individual	Side Fix



Watertight Plate Kit

9514

Article	Fixing
9514	Base Fix

Pack contains 15 Drainage blocks and 2 sealant tubes.



EAZYFIT PRO 3KN

SIDE FIX & BASE FIX

Eazyfit Pro 3KN heavy-duty and fully adjustable 3KN commercial balustrade system, designed as a highly-durable public safety barrier for large commercial constructs.

FAST AND EASY TO INSTALL AND ADJUST

One of the most simple balustrade systems to fit and adjust thanks to its patented screw clamp technology. Dry glazed where no specialist tools are required. Glass can easily be removed and replaced if required.

FULLY ACCREDITED UP TO 3KN

Accredited and approved by multiple organisations to verify that it meets national and international building regulations for use as edge protection, where up to 3kN force loading is required.

APPROPRIATE FOR COMMERCIAL AND ANTI-TERROR USES

A 3kN force loading capability, EAZYFIT PRO is a commercially appropriate product which can be fortified using conversion kits into bomb-resistant or bullet-proof balustrade systems.



EAZYFIT PRO 3KN SIDE FIX

Fully adjustable system

Adjustable clamp to line-up glass

Tested for 3kN Base Fix (BS 6180)

Suitable for 25 to 31.5mm glass

Dry-glazed wedge system for clean installation (no arbokol required) and easy replacement of broken glass panels

No specialist tools required (13mm standard socket to adjust and tighten the clamp)

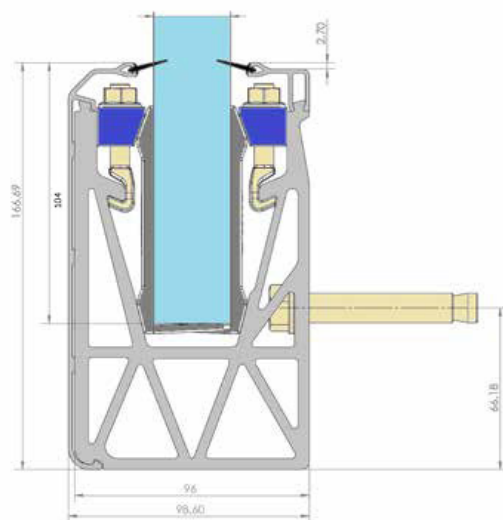
Suitable for heavy duty installations with a high volume of people traffic (sport venue or public buildings)

Pre-drilled profiles for quick installation

Available with side cladding or top bead

Suitable for indoor and outdoor applications (totally anodised extrusion)

Top rail (slotted tube or capping), gaskets and connectors available ex-stock



EAZYFIT PRO 3KN BASE FIX

Fully adjustable system

Adjustable clamp to line-up glass

Tested for 3kN Base Fix (BS 6180)

Suitable for 25 to 33mm glass

Dry-glazed wedge system for clean installation (no arbokol required) and easy replacement of broken glass panels

No specialist tools required (13mm standard socket to adjust and tighten the clamp)

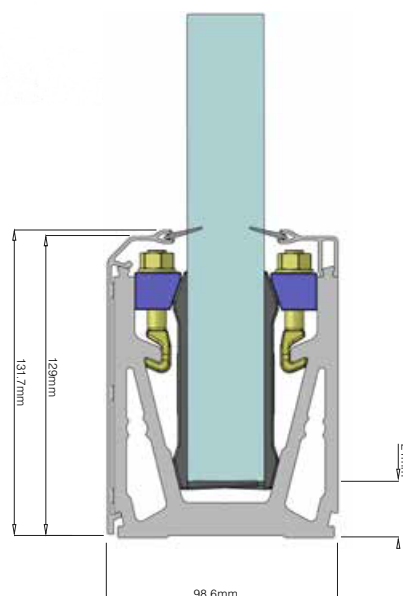
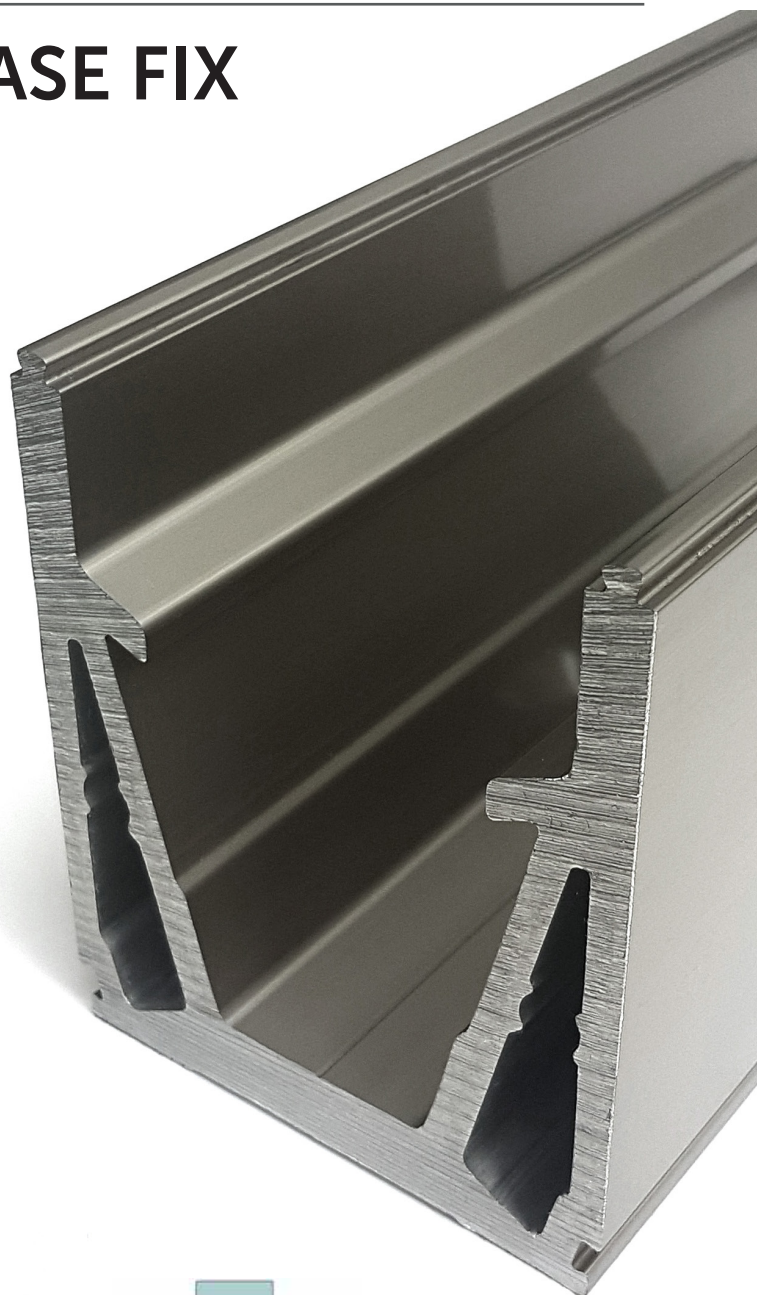
Suitable for heavy duty installations with a high volume of people traffic (sport venue or public buildings)

Pre-drilled profiles for quick installation

Available with side cladding or top bead

Suitable for indoor and outdoor applications (totally anodised extrusion)

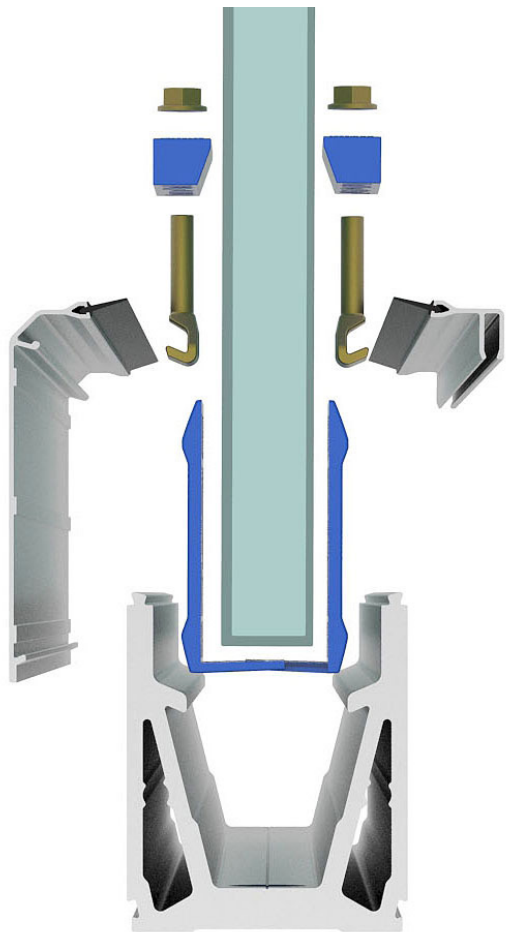
Top rail (slotted tube or capping), gaskets and connectors available ex-stock



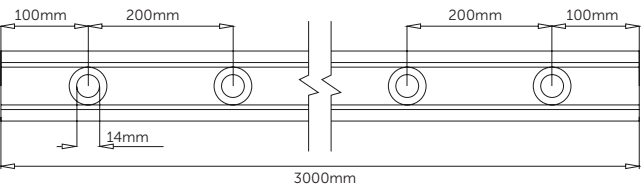
EAZYFIT PRO 3KN FITTING OPTIONS

Fully Adjustable

Quick and simple glazing angle adjustment after installation to fine tune alignment or correct any structural anomalies.



Drill Fixing Centres



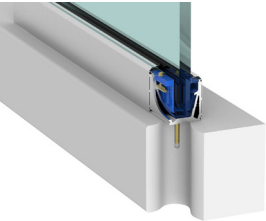
Fixing centre: 200mm for 3Kn

FIXING OPTIONS

Concrete Base Fixing

Glass kN/M	25	25.5 SG	31.5 PVB	33 PVB
3.0	•	•	•	•

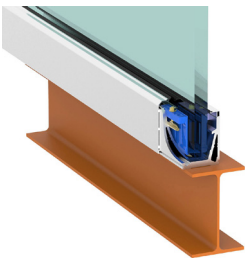
Aluminium shoe base bolted down into concrete at 200mm centres.



Steel Base Fixing

Glass kN/M	25	25.5 SG	31.5 PVB	33 PVB
3.0	•	•	•	•

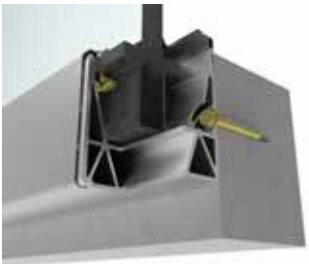
Aluminium shoe base bolted down into steel at 200mm centres.



Concrete Side Fixing

Glass kN/M	25	25.5 SG	31.5 PVB	33 PVB
3.0	•	•	•	•

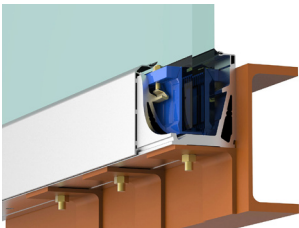
Aluminium shoe base bolted down into at 200mm centres.



Steel Side Fixing

Glass kN/M	25	25.5 SG	31.5 PVB	33 PVB
3.0	•	•	•	-

Aluminium shoe base bolted down into at 200mm centres.



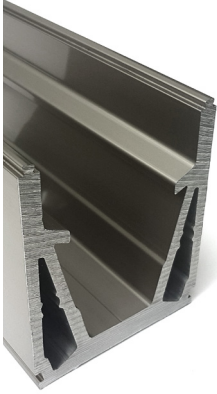
EASYFIT PRO 3KN COMPONENTS

EasyFit Pro 3kN Channel

9033 - Base Fix

Article	Length	Finish
9033EFBF	3m	Satin

Pre drilled, anodised.



EasyFit Pro 3kN Channel

9036 - Side Fix

Article	Length	Finish
9036EFSF	3m	Satin

Pre drilled, anodised.



Clamp Kits

93

Article	Glass mm
93250	25
93255	25.5
93315	31.5
93330	33

Pre-packed clamps to suit 3m channel.
Including: clamps; bars; bolts and gasket.



Top Bead

9034

Article	Length
9034	3m

Anodised satin stainless finish.



Base Fix Cladding

9035

Article	Length
9035	3m

Anodised satin stainless finish.



Side Fix Cladding

9037

Article	Length
9037	3m

Anodised satin stainless finish.



Pre-made 90° Corner

90.9033

Article	Length mm
90.9033	165x165

Base fix only.



End Caps Base Fix

Article	Application
9538	Base Fix Bead/Bead
9539	Base Fix Cladding/Cladding
9540	Base Fix Bead/Cladding
9551	Side Fix Bead/Cladding



Top Seal Gasket

BMG

Article	Glass mm
BMG-001	25-25.5mm
BMG-002	31-33.5mm



Dowels

9507

Article	Qty
9507	Pair



BMARCHITECTURAL

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From homes to workplaces and beyond, we help create inspiring and safe spaces where people thrive.

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