TL60**20** - TL60**21**
SYSTEMS FOR FRAMELESS ALL-GLASS BALUSTRADES

TL-6020

1.5 kN Top Mount

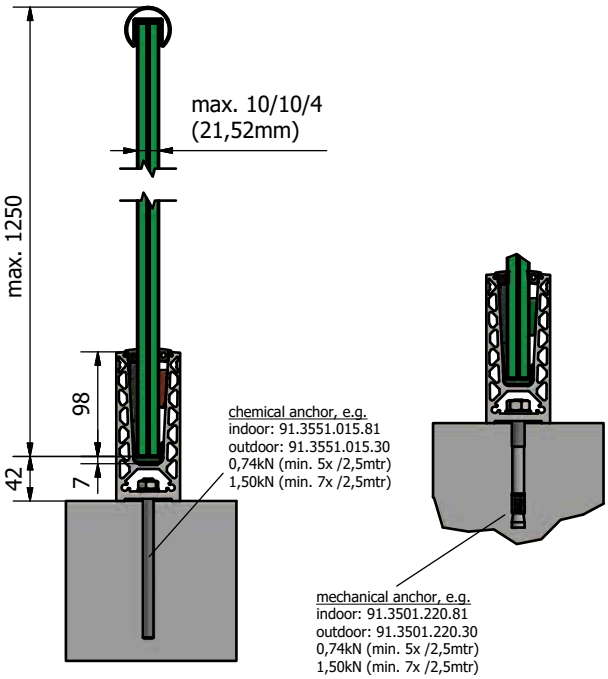
Level Up.
The TL-6020 U-profile is the intelligent onward development of the TL-6010 profile. Here the outstanding feature consists in the increase of mounting distances, which now enables the use of the profile also on an anchor bolt without countersunk head. Therefore, mounting the product is not only faster and more cost efficient, but also statics have improved considerably.

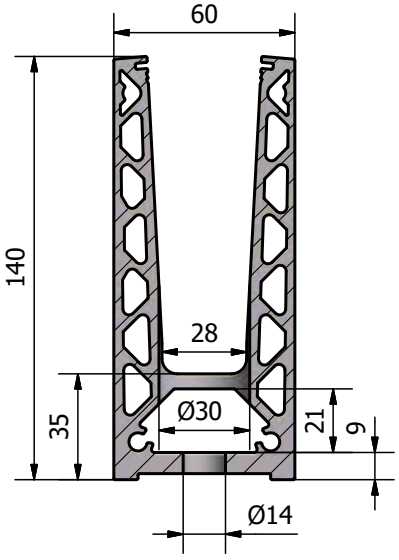
It can be used in exterior applications, withstands a linear load of 1.5 kN and is appropriate for glass thicknesses between 12 mm and 21.52 mm.

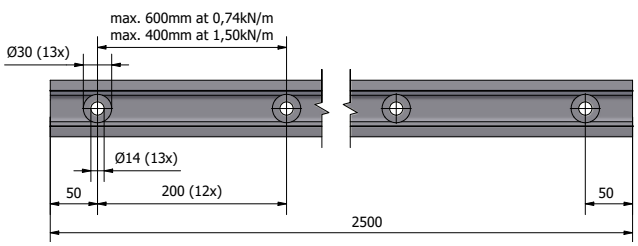
Essential Features
- Slimline, elegant design and low-maintenance
- ON**LEVEL** FLEXFIT Glass Adjustment Tool
- Extension pin holes
- Drainage holes
- For use with Top Cover 3.0 kN
- For glass thicknesses between 12 - 21.52 mm
- For applications of 1.0 kN in private areas, the mounting distance amounts to 60 cm

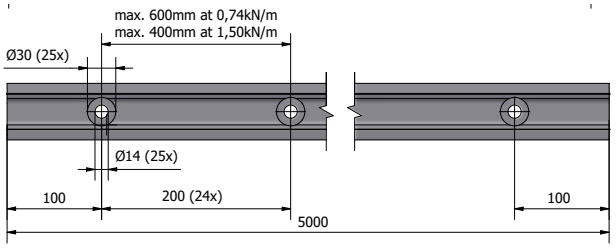
riba product selector

TESTED according to BS6180









For further details, please refer to the type-tested static analyses.

Increased stability with the same looks

Integrated multifunctional sophisticated chamber for enabling larger drilling distances

Top mount

ENGINEERED IN GERMANY

TL-6020 | 1.5 KN TOP MOUNT

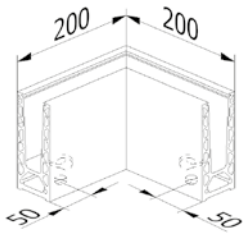
Glass profile

| Height: 140 mm
| Width: 60 mm
| Sales unit: 1 piece

Model 6020	Mill finish	Plain aluminium	RAL coloured
Length	Art. no.	Art. no.	Art. no.
2500	10.6020.002.10	10.6020.002.11	-
5000	10.6020.005.10	10.6020.005.11	10.6020.005.13/16/18/19

Inside corner / outside corner 90°

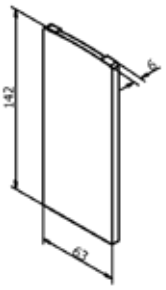
| Side length inside: 140 mm
| Side length outside: 200 mm
| Sales unit: 1 piece



Model 6020	Mill finish	Plain aluminium	RAL coloured
	Art. no.	Art. no.	Art. no.
	10.6020.390.10	10.6020.390.11	10.6020.390.13/16/18/19

End cap, left/right

| For use on the left and right
| Sales unit: 1 piece



Model 6020	Mill finish	Plain aluminium	RAL coloured
Application	Art. no.	Art. no.	Art. no.
left/right	10.6020.490.10	10.6020.490.11	10.6020.490.13/16/18/19

End cap for staircase, left/right

| For use on the left and right
| cut-to-size
| Sales unit: 1 piece

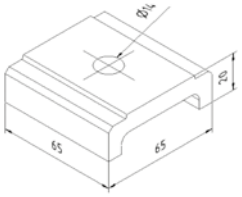
Model 6020	Mill finish	Plain aluminium	RAL coloured
Application	Art. no.	Art. no.	Art. no.
left/right	10.6020.491.10	10.6020.491.11	10.6020.491.13/16/18/19

TL-6020 | 1.5 KN TOP MOUNT

Spacer

You do not have any drainage options on your balcony?!
So that you do not need to install a dam on your balcony, you can simply mount the spacers beneath your profile.

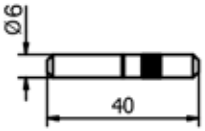
- Inner drill hole: Ø 14 mm
- Sales unit: 13 pieces



Model 6020	Mill finish	Plain aluminium	RAL coloured
	Art. no.	Art. no.	Art. no.
	10.6020.500.10	10.6020.500.11	10.6020.500.13/16/18/19

Extension pin

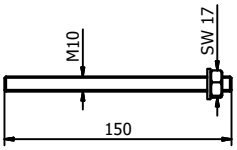
- Length: 40 mm
- Diameter: Ø 6 mm
- Sales unit: 8 piece



Model 7001	AISI 316 (inside & outside)
	Art. no.
	90.7001.640.31

Fischer fixing anchor FIS AM M10x150

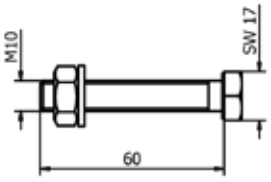
- Finish interior application: zinc-plated steel (inside)
- Finish exterior application: V4A (exterior)
- Required number per 2500 mm: 13 pieces
- Suitable mortar: 91.3000.010.00
- Injection mortar (91.3000.010.00) is sufficient for ± 26 anchors
- Sales unit: 10 pieces



Model 3551	zinc-plated steel (inside)	AISI 316 (exterior)
	Art. no.	Art. no.
	91.3551.015.81	91.3551.015.30

Fixing anchor steel

- Finish interior application: zinc-plated steel (inside)
- Finish exterior application: V4A (exterior)
- Required number per 2500 mm: 13 pieces
- M10 x 60 mm
- Sales unit: 25 pieces

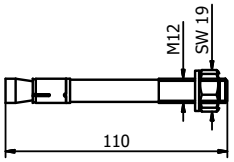


Model 6020	zinc-plated steel (inside)	AISI 316 (exterior)
	Art. no.	Art. no.
	91.6020.060.81	91.6020.060.30

TL-6020 | 1.5 KN TOP MOUNT

Fischer fixing anchor FAZ II 12/10

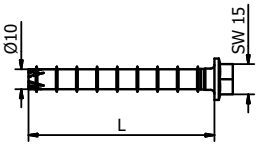
- Finish interior application: zinc-plated steel (inside)
- Finish exterior application: V4A (exterior)
- Required number per 2500 mm: 13 pieces
- Sales unit: 20 pieces



Model 3501	zinc-plated steel (inside)	AISI 316 (exterior)
	Art. no.	Art. no.
	91.3501.210.30	91.3501.210.81

Screw anchor for concrete

- Suitable for our profiles without countersinking
- Finish interior application: Zinc-plated steel (interior) HUS4-H 10x90
- Finish exterior application: V4A (outside) HUS4-HR 10x95
- Tangential screwdriver required
- Required number per 2500 mm: 13 pieces



Model 3701	zinc-plated steel (inside)	Model 3701	AISI 316 (exterior)
Sales unit	Art. no.	Sales unit	Art. no.
50	91.3701.090.81	25	91.3701.095.30

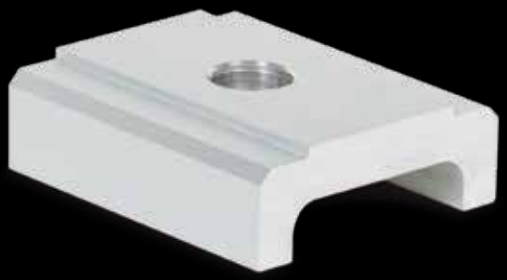
FLEXFIT 1.0 kN

- Fine adjustment of glass panes
- For glass thicknesses between 12 - 21.52 mm
- Adjustment of up to 34 mm in relation to the vertical axis
- Pay attention to the right glass thickness!

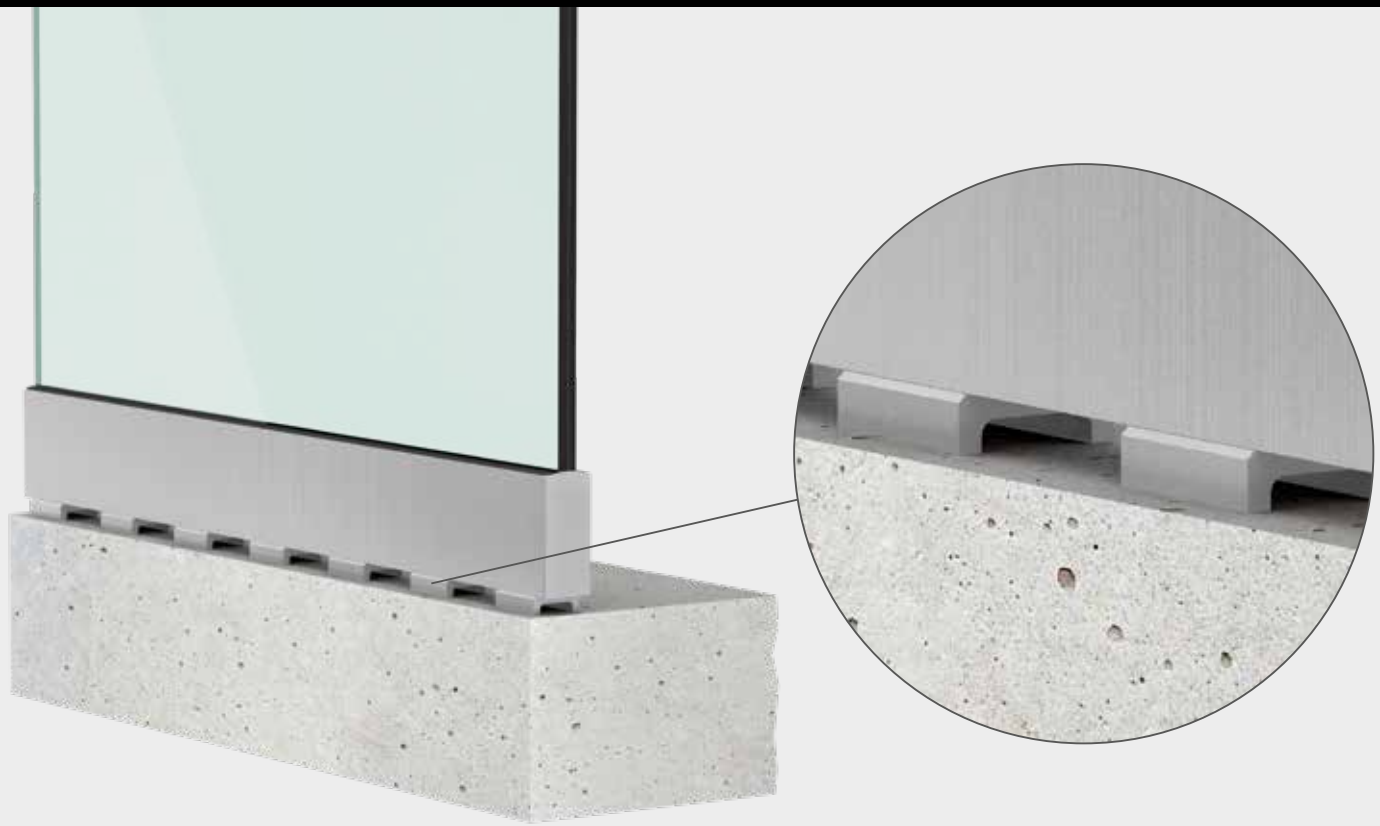
Length		2500 mm	5000 mm	25 mtr
Glass thickness	Wedge colour	Art. no.	Art. no.	Art. no.
12 mm	black	-	90.0505.112.00	-
6/6/2 (12.76 mm)	red	90.0502.113.00	90.0505.113.00	90.0525.113.00
6/6/4 (13.52 mm)	grey	-	90.0505.114.00	-
8/8/2 (16.76 mm)	red	90.0502.117.00	90.0505.117.00	90.0525.117.00
8/8/4 (17.52 mm)	green	90.0502.118.00	90.0505.118.00	90.0525.118.00
10/10/2 (20.76 mm)	red	90.0502.121.00	90.0505.121.00	90.0525.121.00
10/10/4 (21.52 mm)	green	90.0502.122.00	90.0505.122.00	90.0525.122.00

TAKE A LITTLE DISTANCE – WITH OUR SPACER.

Hoover Dam is a thing of the past. There is more water on balconies than in the legendary dammed Colorado River. We have the suitable spacer for every profile to keep your feet dry. In addition, our spacers are constructed such as to adapt themselves to all static conditions.



10.xxxx.500.xx



TL-6021

1.5 kN Side Mount

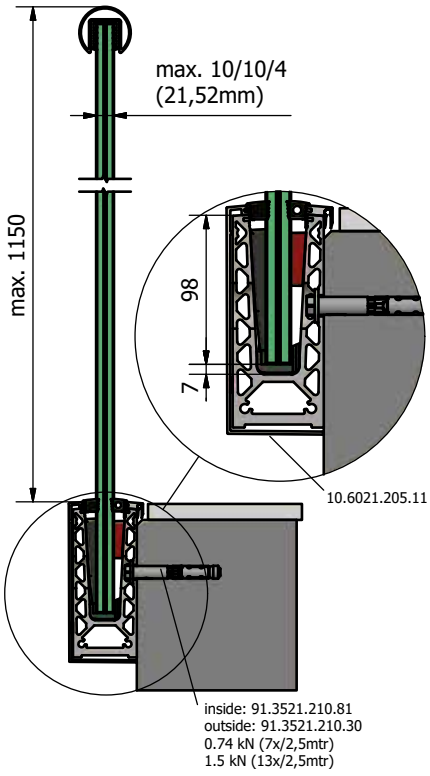
The Evolution Goes On.
The TL-6021 U-profile is the intelligent onward development of the TL-6011 profile. Here the outstanding feature consists in the increase of mounting distances, which now enables the use of the profile also on an anchor bolt without countersunk head. This makes mounting the product not only much quicker and more cost efficient, also statics have improved significantly.

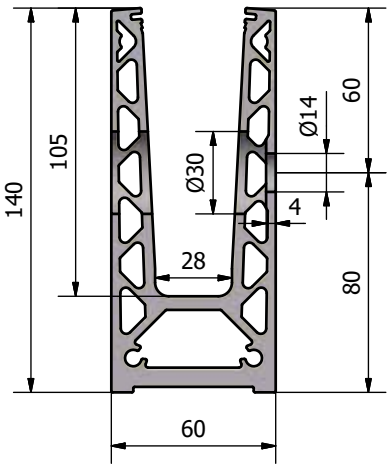
The TL-6021 U-profile can be used for exterior applications. It can withstand a linear load of 1.5 kN and is appropriate for glass thicknesses between 12 mm and 21.52 mm.

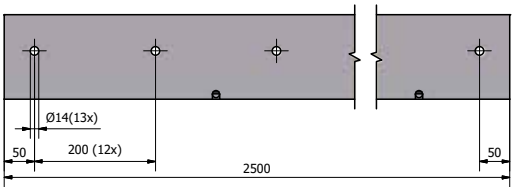
Essential Features
- Slimline, elegant design and low-maintenance
- ON**LEVEL** FLEXFIT Glass Adjustment Tool
- Drainage holes
- Cover (optional)
- For use with Top Cover 3.0 kN
- For glass thicknesses between 12 mm and 21.52 mm
- For applications of 0 1.0kN in private areas, the mounting distance amounts to 40 cm

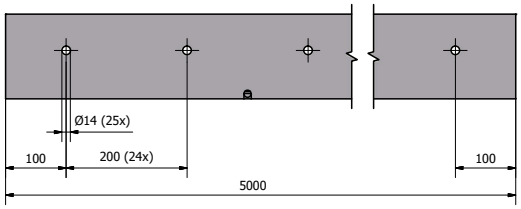
riba product selector

TESTED according to BS6180









For further details, please refer to the type-tested static analyses.

Improved statics

Can be anchored universally depending on the application

Side mount

Integrated multifunctional sophisticated chamber for enabling larger drilling distances

ENGINEERED IN GERMANY

TL-6021 | 1.5 KN SIDE MOUNT

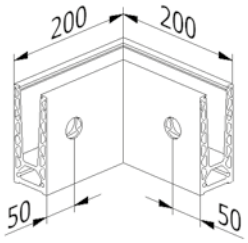
Glass profile

- Height: 140 mm
- Width: 60 mm
- Sales unit: 1 piece

Model 6021	Mill finish	Plain aluminium	RAL coloured
Length	Art. no.	Art. no.	Art. no.
2500	-	10.6021.002.11	-
5000	10.6021.005.10	10.6021.005.11	10.6021.005.13/16/18/19

Inside corner 90°

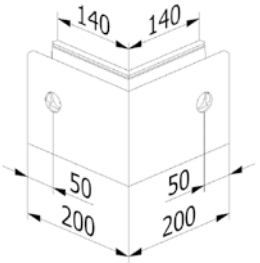
- Side length inside: 140 mm
- Side length outside: 200 mm
- Sales unit: 1 piece



Model 6021	Mill finish	Plain aluminium	RAL coloured
	Art. no.	Art. no.	Art. no.
	10.6021.300.10	10.6021.300.11	10.6021.300.13/16/18/19

Outside corner 90°

- Side length inside: 140 mm
- Side length outside: 200 mm
- Sales unit: 1 piece



Model 6021	Mill finish	Plain aluminium	RAL coloured
	Art. no.	Art. no.	Art. no.
	10.6021.350.10	10.6021.350.11	10.6021.350.13/16/18/19

Cover Cap

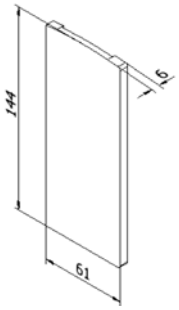
- With mounting strips
- For use with a Cover Cap, end caps must be ordered separately
- Sales unit: 1 piece

Model 6021	Mill finish	Plain aluminium	RAL coloured
Length	Art. no.	Art. no.	Art. no.
2500	-	10.6021.202.11	-
5000	10.6021.205.10	10.6021.205.11	10.6021.205.13/16/18/19

TL-6021 | 1.5 KN SIDE MOUNT

End cap, left

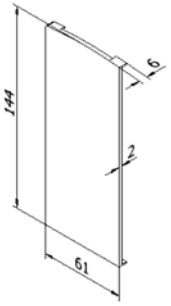
| For use on the left
| Sales unit: 1 piece



Model 6021	Mill finish	Plain aluminium	RAL coloured
Application	Art. no.	Art. no.	Art. no.
left	10.6021.400.10	10.6021.400.11	10.6021.400.13/16/18/19

End cap, right

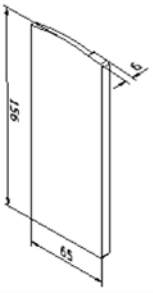
| For use on the right
| Sales unit: 1 piece



Model 6021	Mill finish	Plain aluminium	RAL coloured
Application	Art. no.	Art. no.	Art. no.
right	10.6021.450.10	10.6021.450.11	10.6021.450.13/16/18/19

End cap, left, with Cover Cap

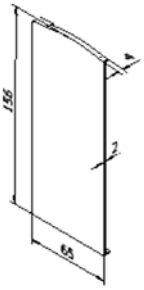
| For use on the left
| Sales unit: 1 piece



Model 6021	Mill finish	Plain aluminium	RAL coloured
Application	Art. no.	Art. no.	Art. no.
left	10.6021.410.10	10.6021.410.11	10.6021.410.13/16/18/19

End cap, right, with Cover Cap

| For use on the right
| Sales unit: 1 piece



Model 6021	Mill finish	Plain aluminium	RAL coloured
Application	Art. no.	Art. no.	Art. no.
right	10.6021.460.10	10.6021.460.11	10.6021.460.13/16/18/19

TL-6021 | 1.5 KN SIDE MOUNT

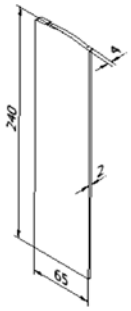
End cap for staircase with Cover Cap, left

| For use on the left
| can be cut to size
| Sales unit: 1 piece

Model 6021	Mill finish	Plain aluminium	RAL coloured
Application	Art. no.	Art. no.	Art. no.
left	10.6021.411.10	10.6021.411.11	10.6021.411.13/16/18/19

End cap for staircase with Cover Cap, right

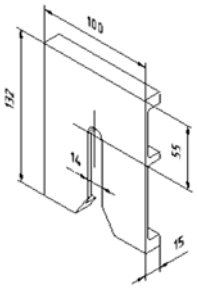
| For use on the right
| can be cut to size
| Sales unit: 1 piece



Model 6021	Mill finish	Plain aluminium	RAL coloured
Application	Art. no.	Art. no.	Art. no.
right	10.6021.461.10	10.6021.461.11	10.6021.461.13/16/18/19

Spacer

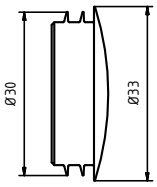
| Thickness: 15 mm
| Sales unit: 13 pieces



Model 6021	Mill finish	Plain aluminium	RAL coloured
	Art. no.	Art. no.	Art. no.
	10.6021.500.10	10.6021.500.11	10.6021.500.13/16/18/19

Blanking plug

| Required number per 2500 mm: 17 pieces
| Sales unit: 10 pieces

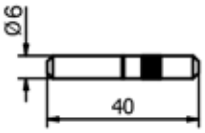


Model 7000		Plastic
Colour	Diameter	Art. no.
white	30 mm	90.7000.030.40
black	30 mm	90.7000.030.41
grey	30 mm	90.7000.030.45

TL-6021 | 1.5 KN SIDE MOUNT

Extension pin

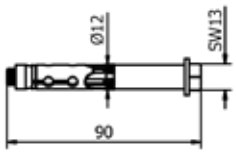
- Length: 40 mm
- Diameter: Ø 6 mm
- Sales unit: 8 piece



Model 7001	AISI 316 (inside & outside)
	Art. no.
	90.7001.640.31

Fischer fixing anchor FH II 12/10

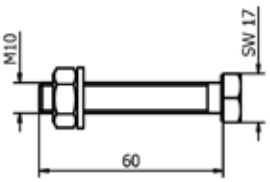
- Finish interior application: zinc-plated steel (inside)
- Finish exterior application: V4A (exterior)
- Required number per 2500 mm: 13 pieces
- Sales unit: 50 pieces



Model 3521	zinc-plated steel (inside)	AISI 316 (exterior)
	Art. no.	Art. no.
	91.3521.210.81	91.3521.210.30

Mounting set for steel

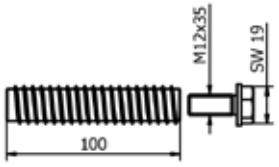
- Finish interior application: zinc-plated steel (inside)
- Finish exterior application: V4A (exterior)
- Required number per 2500 mm: 13 pieces
- M10 x 60 mm
- Sales unit: 13 pieces



Model 6021	zinc-plated steel (inside)	AISI 316 (exterior)
	Art. no.	Art. no.
	91.6021.060.81	91.6021.060.30

Mounting set for wood

- Finish interior application: zinc-plated steel (inside)
- Required number per 2500 mm: 13 pieces
- M12
- Sales unit: 13 pieces

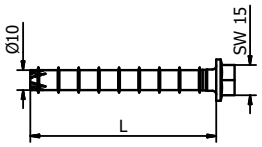


Model 6021	zinc-plated steel (inside)
	Art. no.
	91.6021.800.81

TL-6021 | 1.5 KN SIDE MOUNT

Screw anchor for concrete

- Suitable for our profiles without countersinking
- Finish interior application: Zinc-plated steel (interior) HUS4-H 10x90
- Finish exterior application: V4A (outside) HUS4-HR 10x95
- Tangential screwdriver required
- Required number per 2500 mm: 13 pieces



Model 3701	zinc-plated steel (inside)	Model 3701	AISI 316 (exterior)
Sales unit	Art. no.	Sales unit	Art. no.
50	91.3701.090.81	25	91.3701.095.30

FLEXFIT 1.0 kN

- Fine adjustment of glass panes
- For glass thicknesses between 12 - 21.52 mm
- Adjustment of up to 34 mm in relation to the vertical axis
- Pay attention to the right glass thickness!

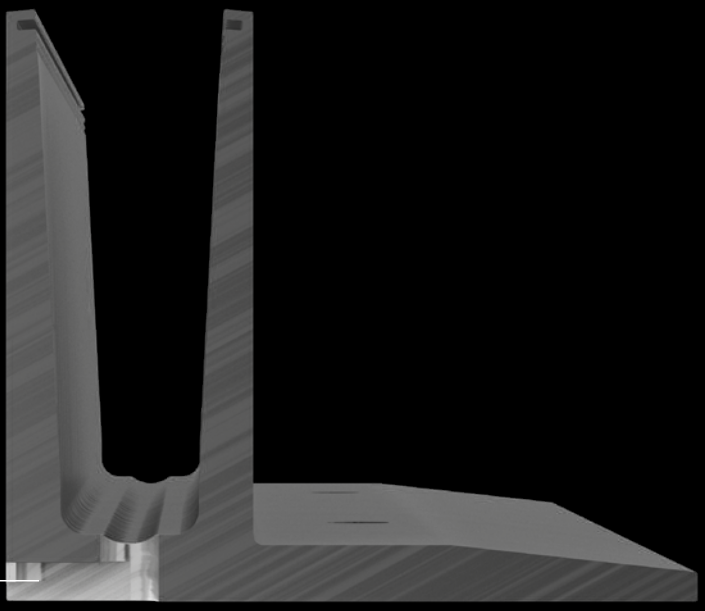
Length		2500 mm	5000 mm	25 mtr
Glass thickness	Wedge colour	Art. no.	Art. no.	Art. no.
12 mm	black	-	90.0505.112.00	-
6/6/2 (12.76 mm)	red	90.0502.113.00	90.0505.113.00	90.0525.113.00
6/6/4 (13.52 mm)	grey	-	90.0505.114.00	-
8/8/2 (16.76 mm)	red	90.0502.117.00	90.0505.117.00	90.0525.117.00
8/8/4 (17.52 mm)	green	90.0502.118.00	90.0505.118.00	90.0525.118.00
10/10/2 (20.76 mm)	red	90.0502.121.00	90.0505.121.00	90.0525.121.00
10/10/4 (21.52 mm)	green	90.0502.122.00	90.0505.122.00	90.0525.122.00

DRAINAGE –
BUT NOT A RAIN GUTTER.

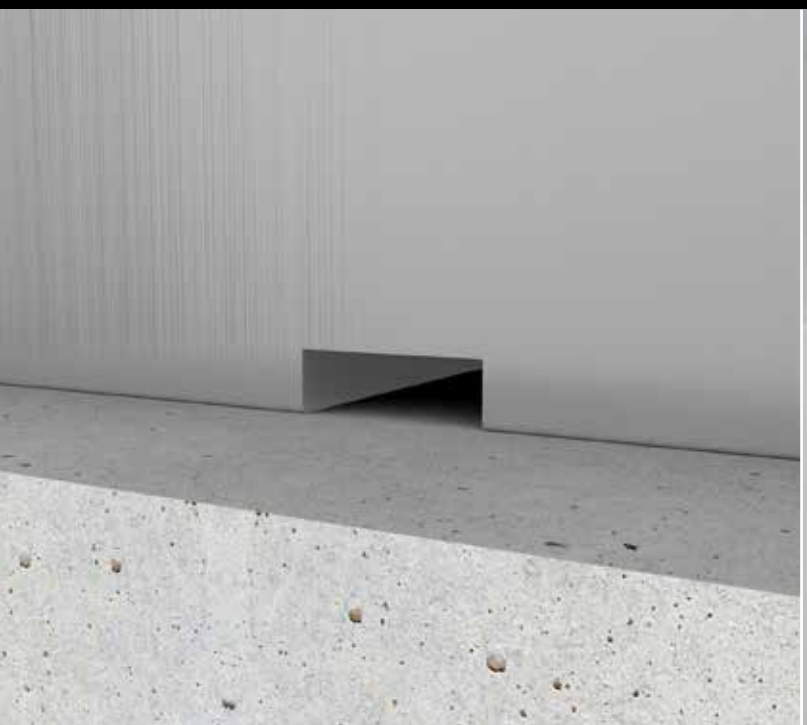
If water and cold combine, this can lead to problems when using all-glass balustrades. For this purpose, all ON**LEVEL** glass support profiles are equipped with drainage holes with a distance of 1000 mm between each of them. And we wouldn´t be ON**LEVEL**, if we hadn´t thought of all sorts of situations. Depending on the season, the balustrade can be subject to the most different influences (e.g.: leaves, sand, dirt).

We offer the only profile of this kind on the market.

ON**LEVEL** has paid special attention to ensure that the pivot point of the glass is on the same level as the rubber seals – therefore the rubber seals are never directly subjected to an increased or decreased load. As a result, dirt affects the balustrade much less.



TL3010



ONLEVEL

ONLEVEL Ltd. | Units 7, Alexandria Court | Alexandria Drive
Ashton Commerce Park | Ashton-under-Lyne | Lancashire OL7 0QN | United Kingdom
T +44 0161 804 9500 | F +44 0161 804 9505 | info@onlevel-uk.com | www.onlevel.com