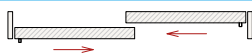
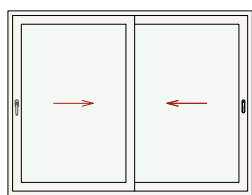


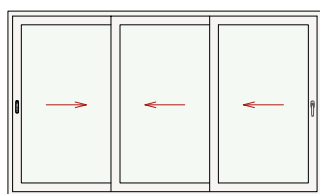
**ideal fenster**
*Group*The higher quality **uPVC window**

TECHNICAL CATALOGUE SUMMARY



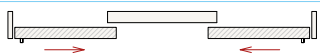
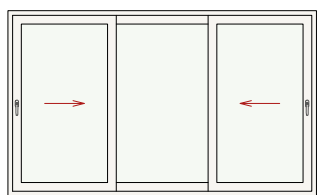
Practical and possible solutions pag. **6**

2 Sliding sashes pattern
with uPVC frame on 4 sides pag. **7 - 8 - 9**



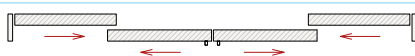
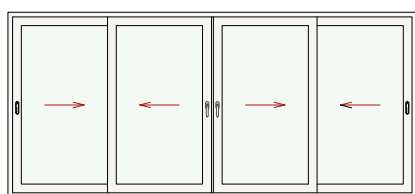
3 Sliding sashes pattern
Horizontal section pag. **17**

Vertical section
with uPVC frame on 4 sides pag. **10 - 11 - 17**



3 sashes pattern
(1 central fixed and 2 lateral sliding)
Horizontal section pag. **18**

Vertical section
with uPVC frame on 4 sides pag. **18**



4 Sliding sashes pattern
Horizontal section pag. **19**

Vertical section
with uPVC frame on 4 sides pag. **19**

Frame Type Z pag. **20**

Glazing beads pag. **21**

Hardware pag. **22**



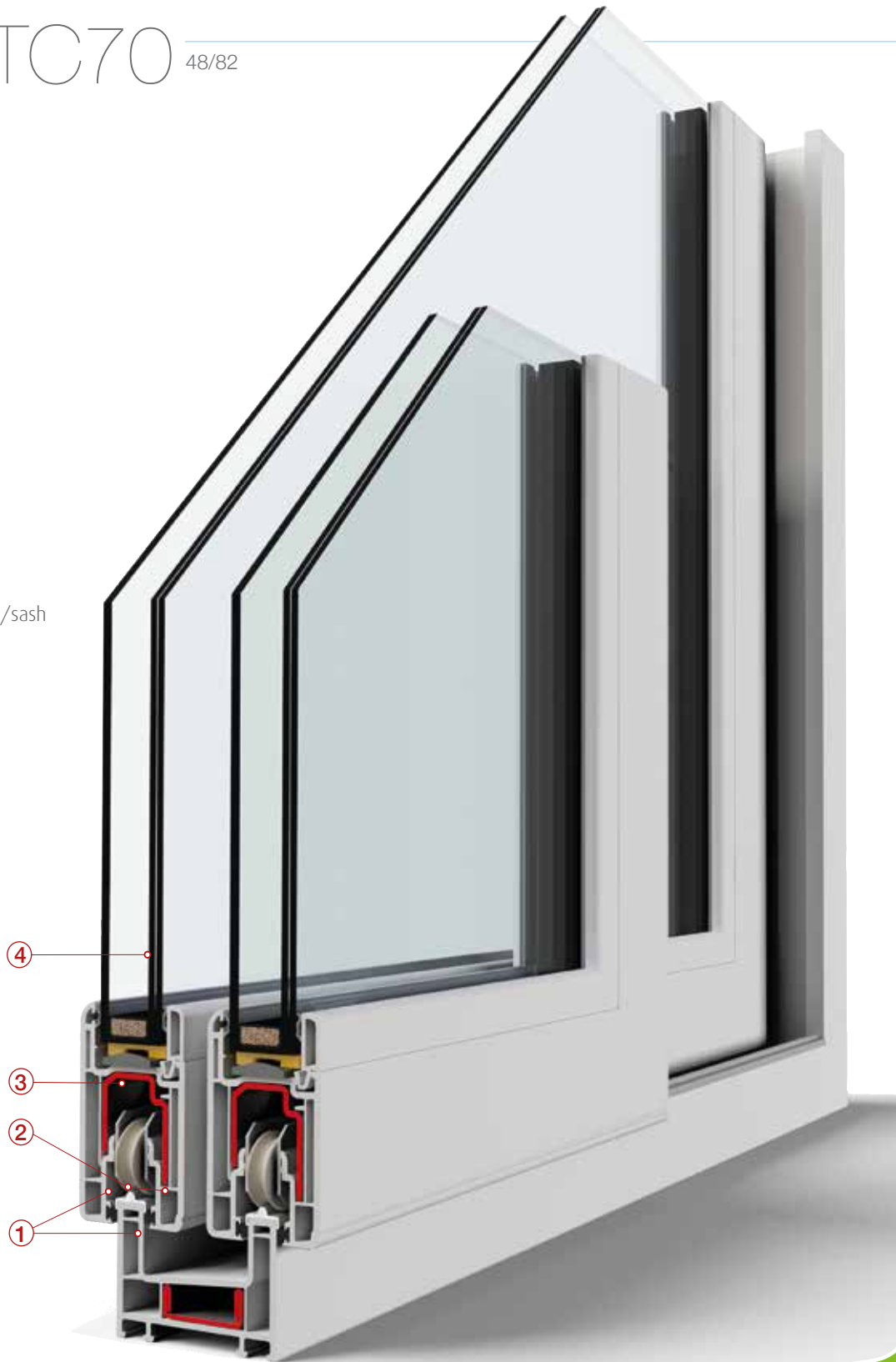
IN-LINE SLIDING SYSTEM TC70

The “TC70 48/82” in-line sliding system is designed to perfectly fit every outdoor architectural and indoor decorative context.

The frame reduced thickness let the daylight enter, making the rooms bright and cozy. It represents the perfect combination between functionality and aesthetics.

Technical Data

- ① CD uPVC profile depth frame 70mm/sash 48mm.
- ② High quality brush seal: it improves permeability to wind and water and avoids every possible friction.
- ③ Steel reinforcements for a sturdier structure. Possibility of using burglar-resistant.
- ④ Glass pane up to 32mm depth.



Highest attention to ecology, thanks to Calcium/Zinc stabilisers

Performance

· Profile thermal transmittance	Uf	2,2
· Resistance to wind load (UNI EN 1221 0)*	Class	B2
· Waterproofness (UNI EN 12208)*	Class	5/B
· Air permeability {UNI EN 12207}*	Class	3

* Numeric values refer to 2 sliding sashes with a 4 sided frame (2,400 X 2,150)

GLASS FIXING

The innovative bonding

"Glass Fixing" is a system for structural bonding studied for improving the stability of our windows. Depending on the size and on its use, thanks to this special glue, fixing-points get applied in between the leaf and the glass; in this way, a unique, stable and load-bearing body gets created. This, apart from being burglar-resistant and offering a better security, also guarantees an excellent functionality in time.



Apart from smooth white you can give a colour tone to your house with clad wood colours or R.A.L. coloured windows and doors.

Standard colours are the **Smooth White** (R.A.L. 9016) and the following clad coatings: **Golden Oak, Walnut, Irish Oak, Whitened Oak, Dark Ash, White Coating, Cremeweiss, Grey, Anthracite, Smooth.**

When a substantial amount of windows is requested, more than 50 colour coatings are made available. Delivery time: 6/8 weeks.

COLOUR RANGE

Please note that only the 2-side coating version (same colour) or the external coating is considered as standard. The colours listed underneath are also available for internal coating. However, this version requires a longer delivery time and is available at different prices from the standard versions.

MASS PROFILES



White RAL 9016



Cream White RAL 9001*
With supplement

COATING PROFILES Standard quick delivery



110 - Golden Oak



154 - Walnut

on Brown base



100 - White Coating

on white base



096 - Creme white

on cream white base*
with supplement

COATING PROFILES Standard longer time



694 - Whitened Oak

on White base



143 - Dark Ash



145 - Irish Oak

on Brown base



004 - Grey



72 - Anthracite
Anthracite

on Grey base



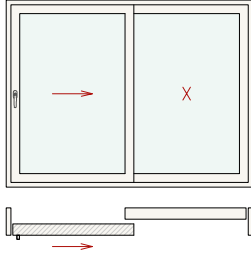
048 - Smooth

* The available profile range in cream white mass RAL9001 or coating on RAL9001 base, is more limited than the other colours. Cream white (096) is only available on cream white mass base with supplements.

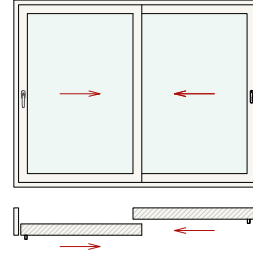
The illustrated colours might be slightly different from the original shades.



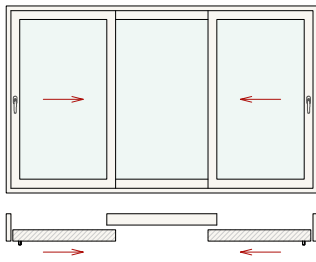
PRACTICAL AND POSSIBLE SOLUTIONS



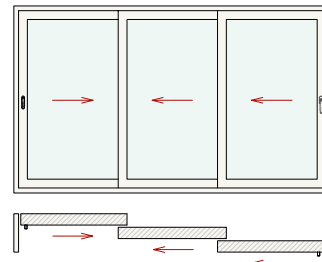
2 Sashes
(1 fixed and 1 sliding)
Standard for balcony doors



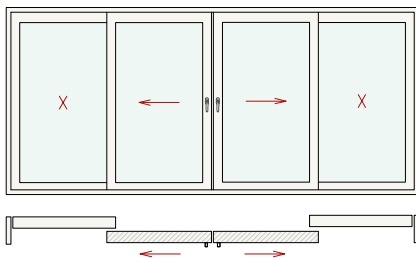
2 Sliding sashes
Standard for windows



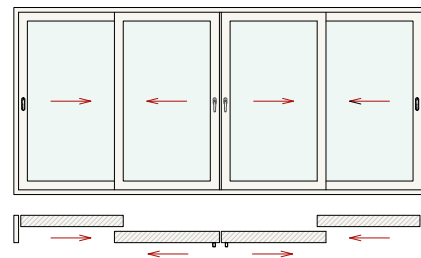
3 Sashes
(1 central fixed and 2 lateral sliding)



3 Sliding sashes



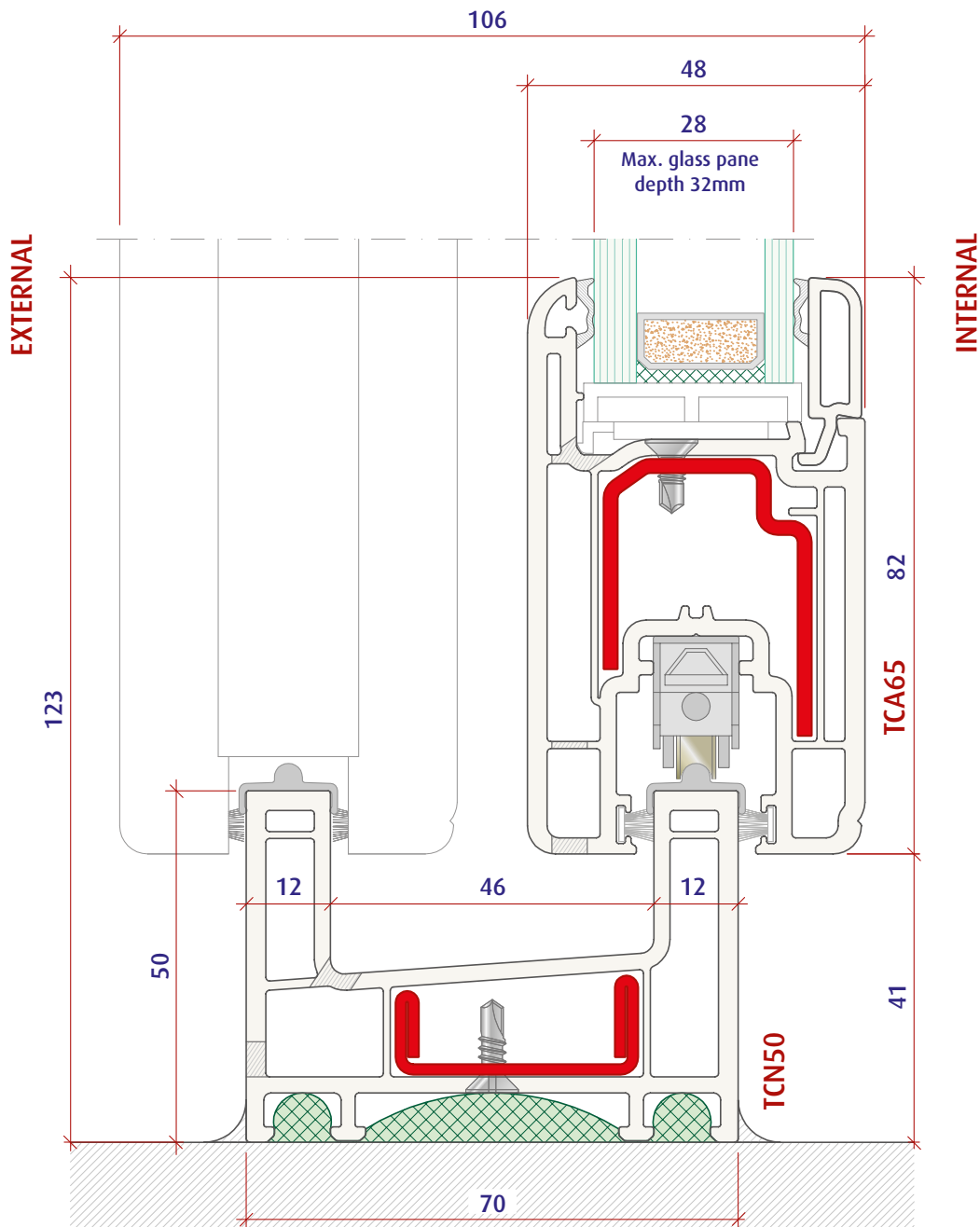
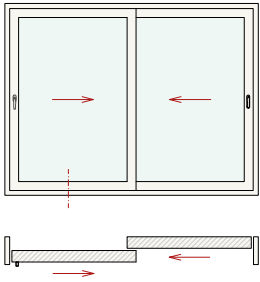
4 Sashes
(2 lateral fixed and 2 central sliding)



4 Sliding sashes

The standard carriage bears sliding doors up to 150kg (glass included)

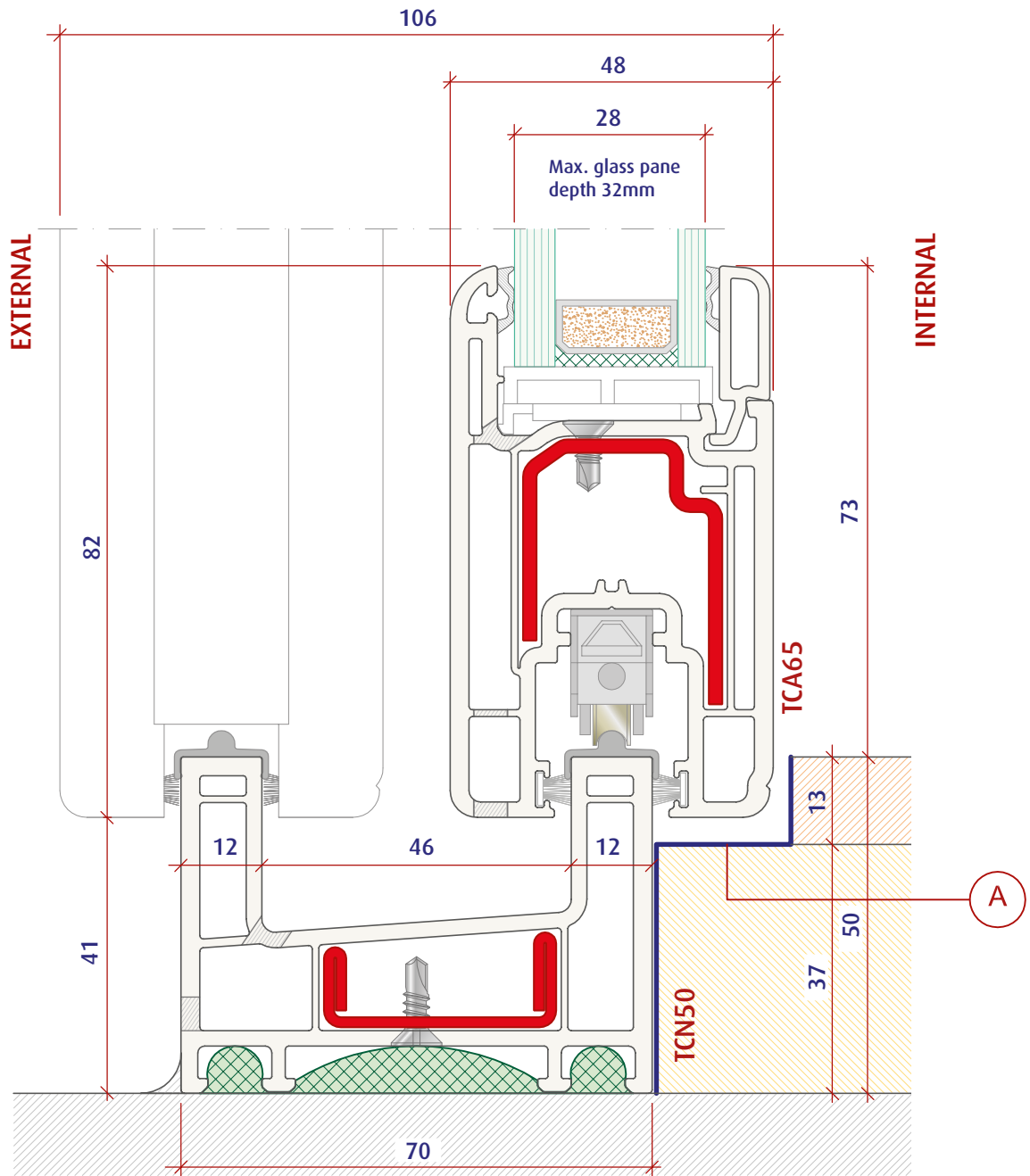
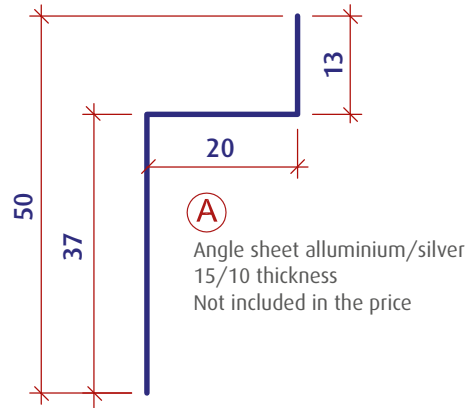
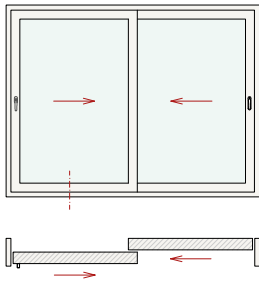
2 SLIDING SASHES



FRAME- SASH CENTRAL POINT: **TCA65 - TCN50**
Standard version

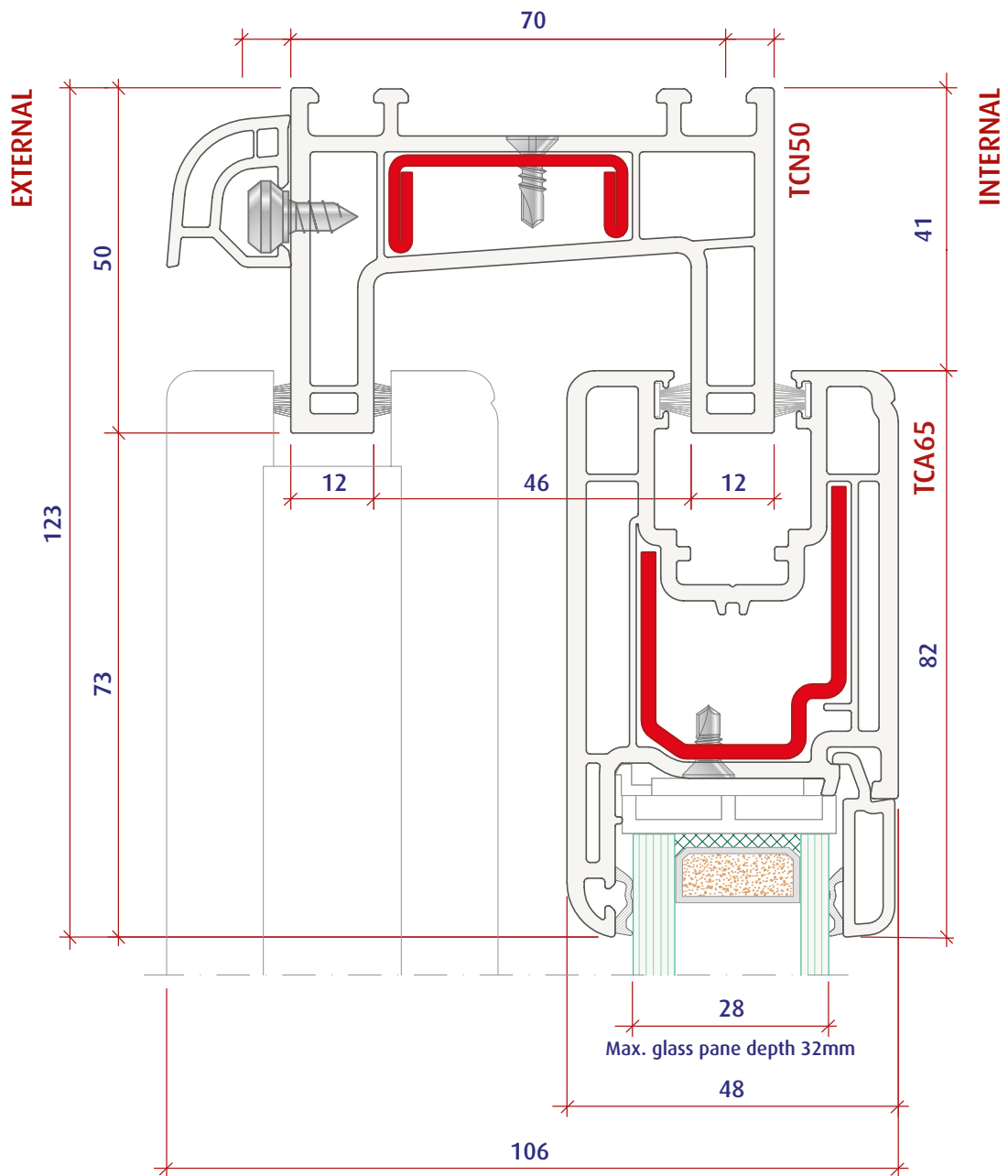
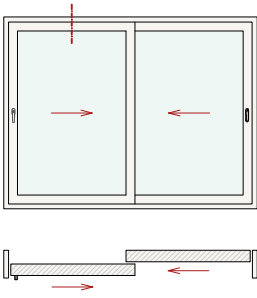
scale 1:1

2 SLIDING SASHES



FRAME- SASH CENTRAL POINT: **TCN50 - TCA65**

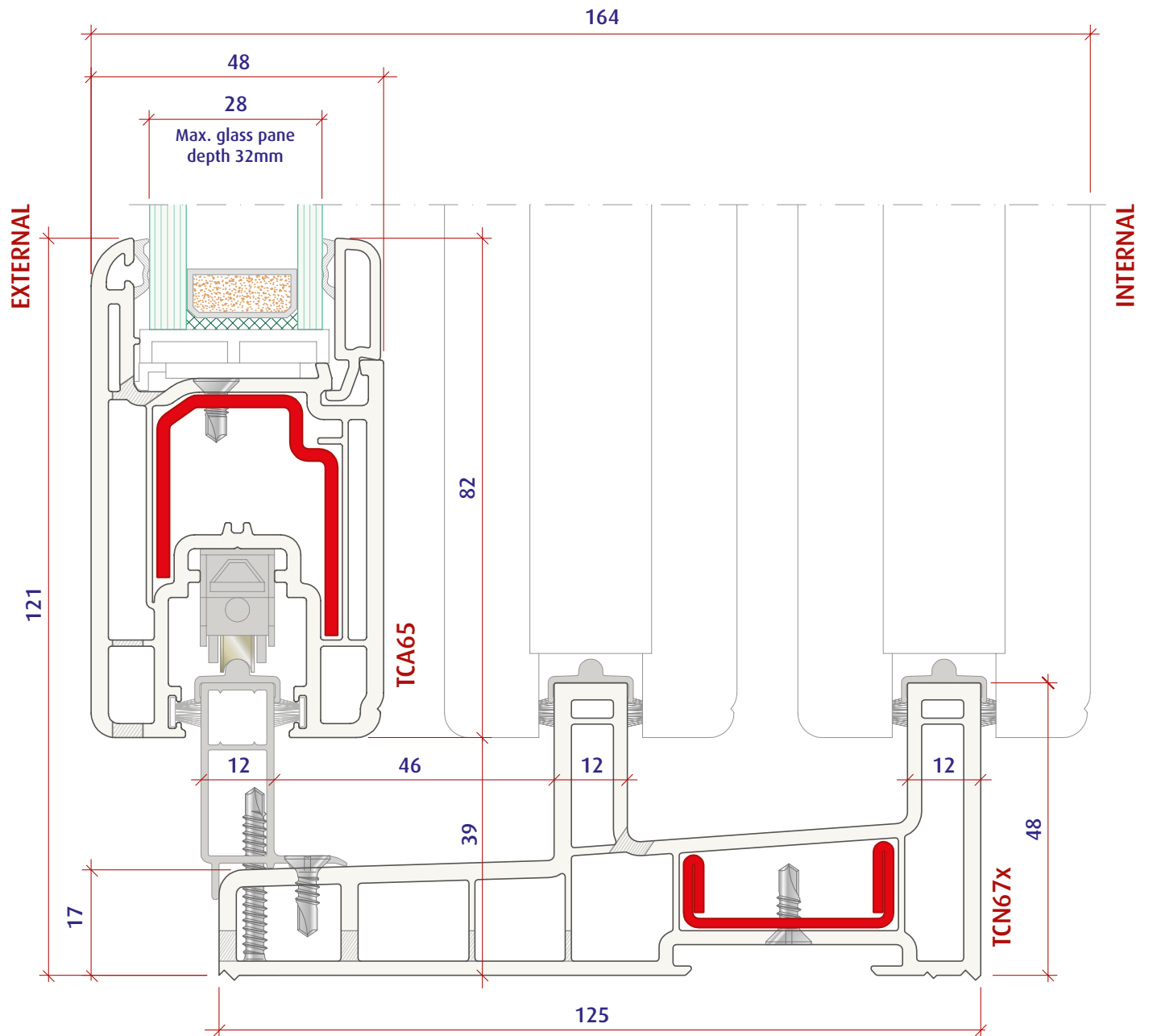
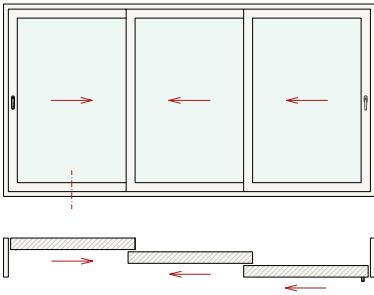
2 SLIDING SASHES



FRAME-SASH CENTRAL POINT: **TCN50 - TCA65**

scale 1:1

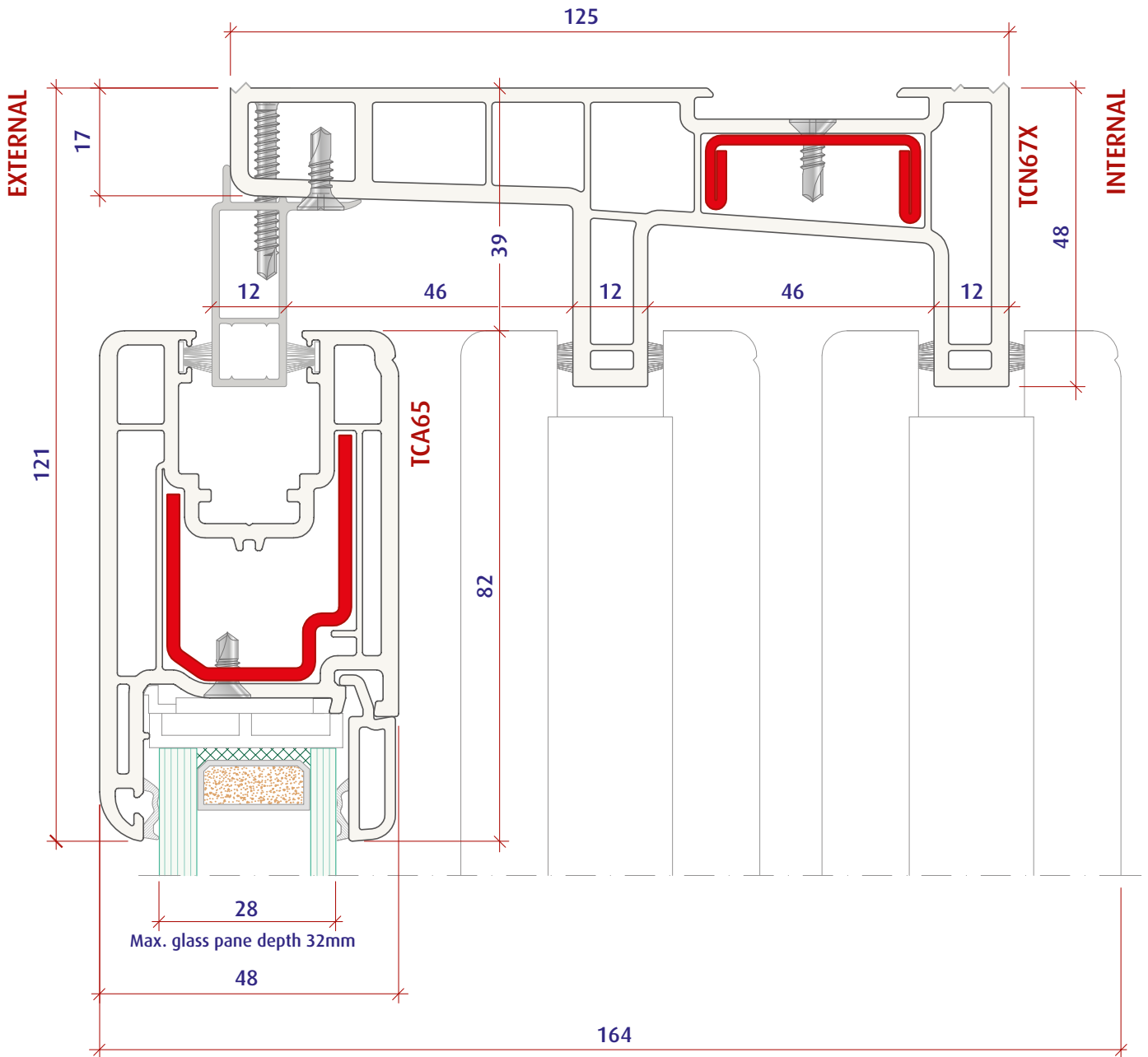
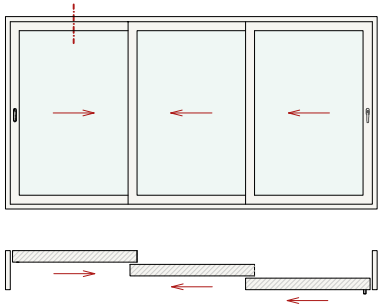
3 SLIDING SASHES



FRAME-SASH CENTRAL POINT: **TCN67X - TCA65**

scale 1:1

3 SLIDING SASHES

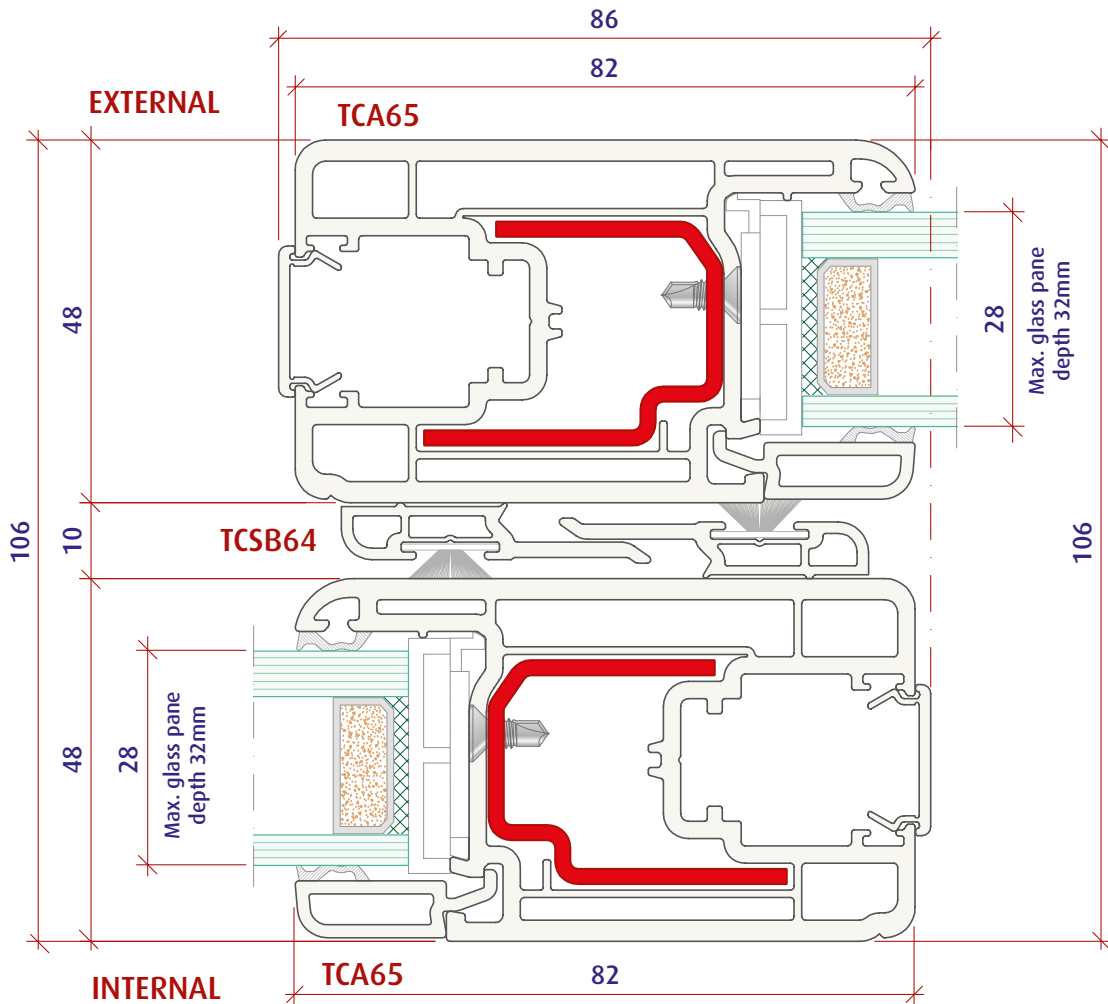
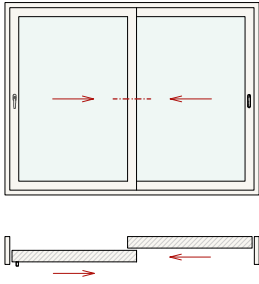


FRAME-SASH: TCN67X - TCA65

scale 1:1

2 SLIDING SASHES

Standard main central point

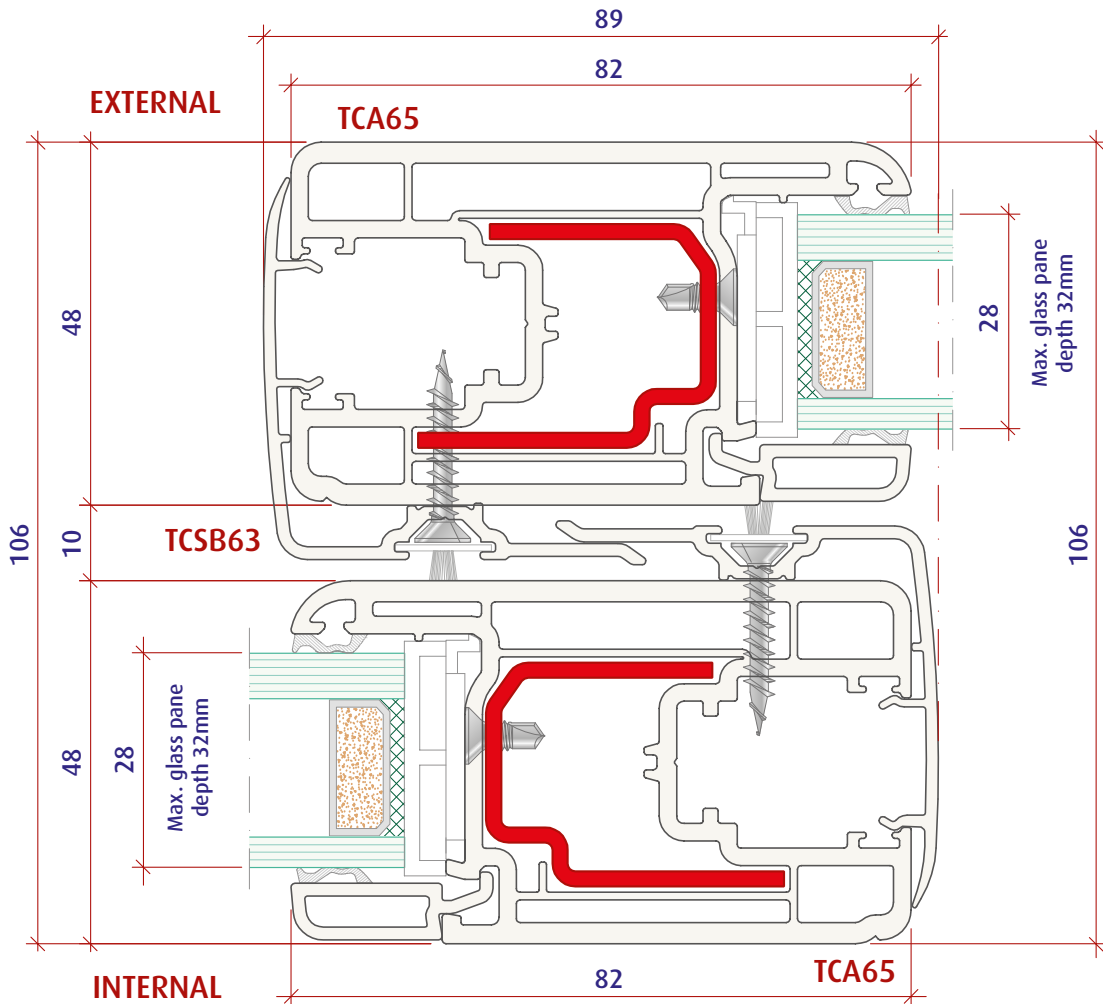
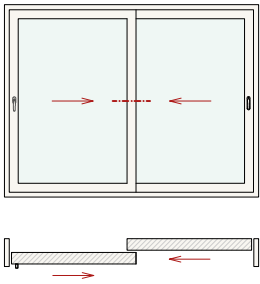


MAIN CENTRAL POINT-SASH: TCSB64 - TCA65
Standard version

scale 1:1

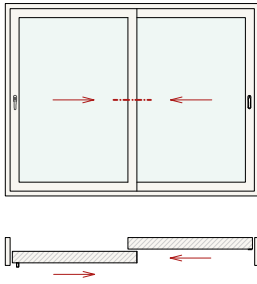
2 SLIDING SASHES Standard central point 1

Recommended for large size French doors and sashes bearing heavy glass pane

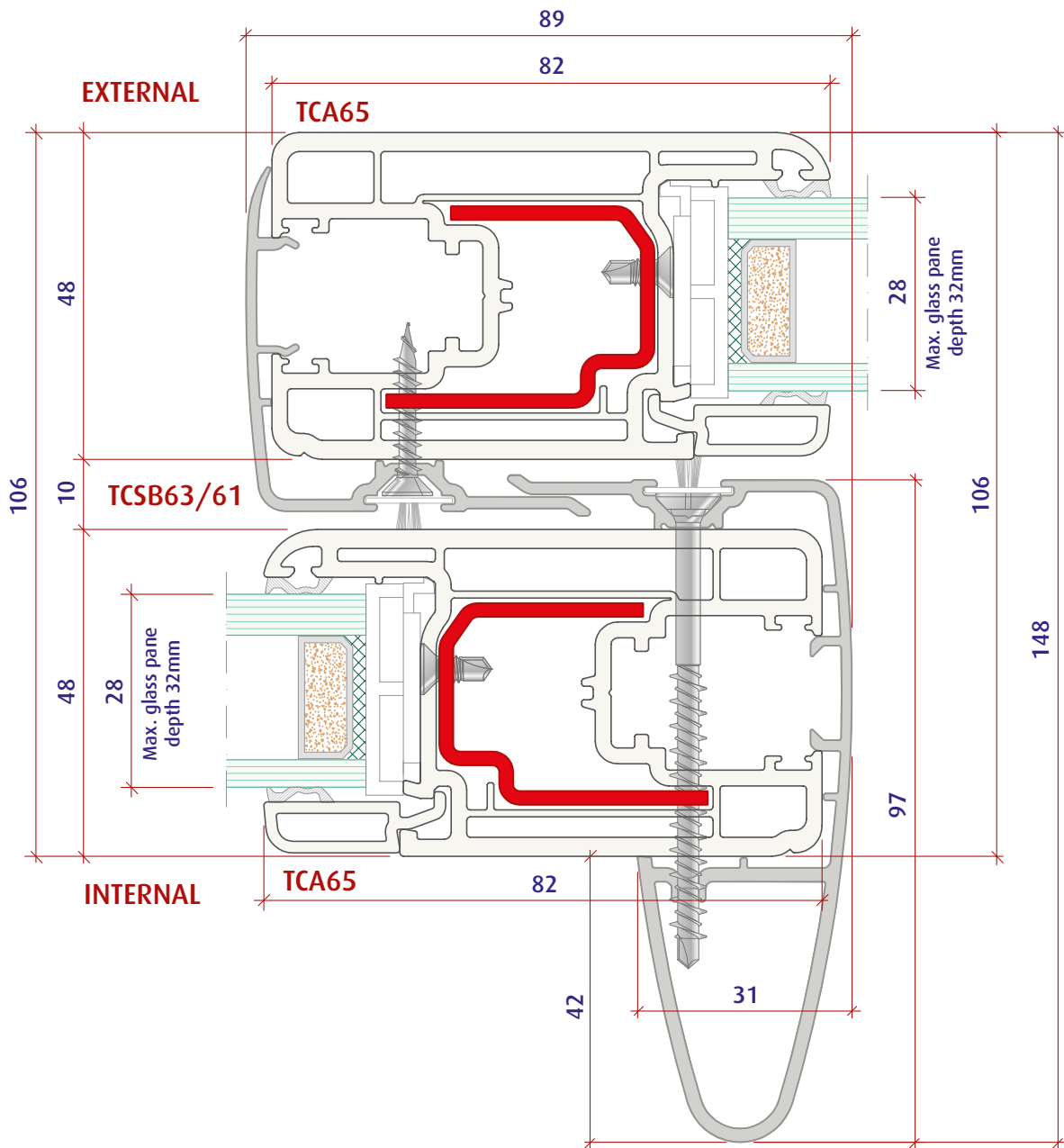


MAIN CENTRAL POINT-SASH: **TCSB63 - TCA65**

scale 1:1

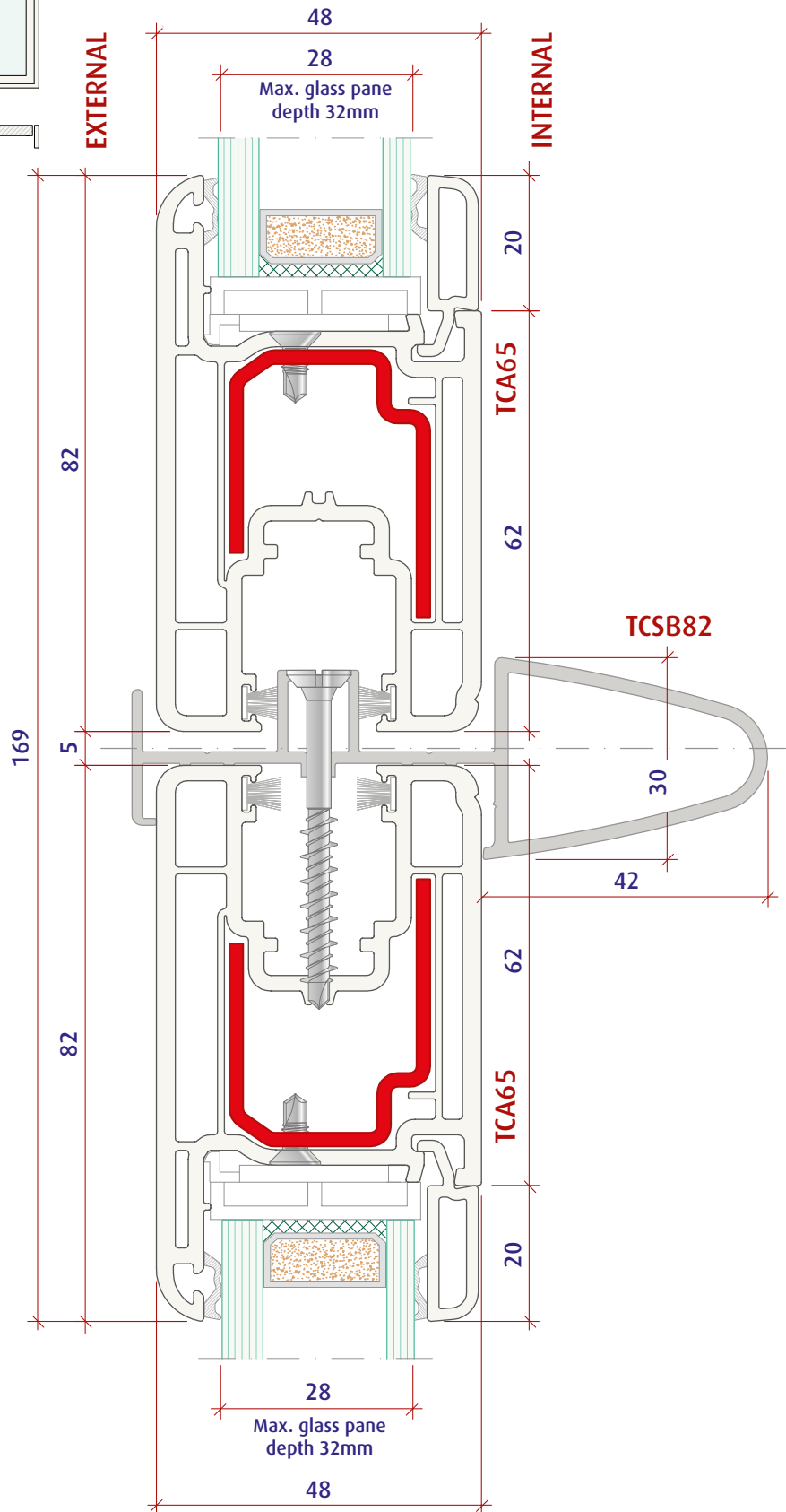
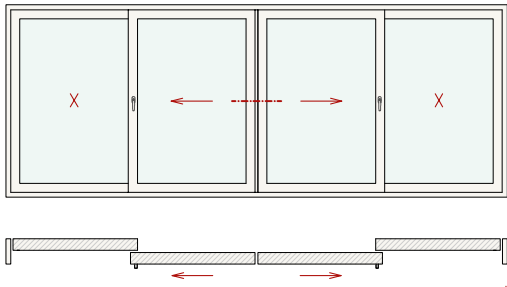


Recommended for very large size French doors and sashes bearing heavy glass pane



MAIN CENTRAL POINT-SASH: **TCSB63/61 - TCA65**

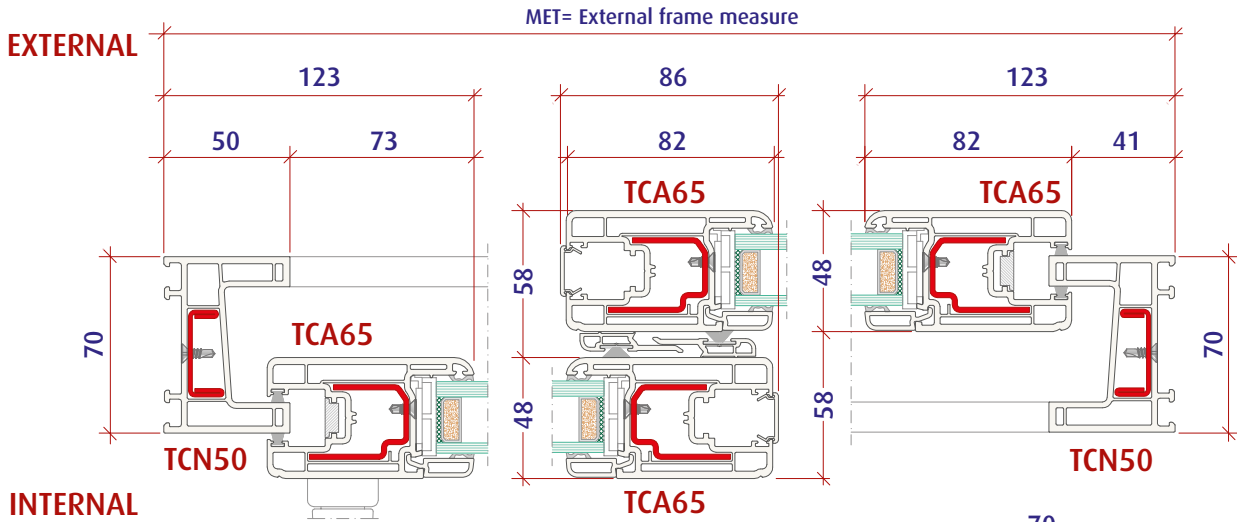
4 SASHES (2 fixed and 2 sliding) Reinforced main central point



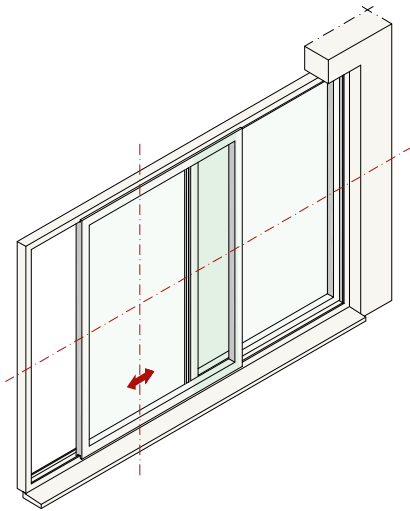
MAIN CENTRAL POINT-SASH: TCSB62 - TCA65

scale 1:1

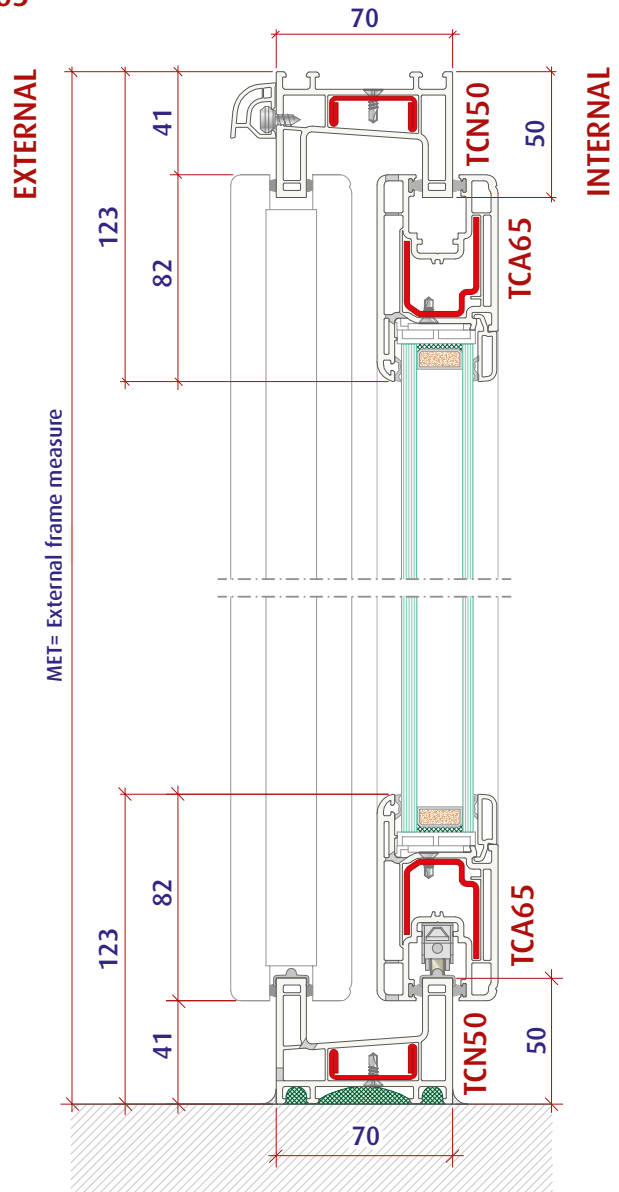
2 SASHES (1 fixed and 1 sliding)



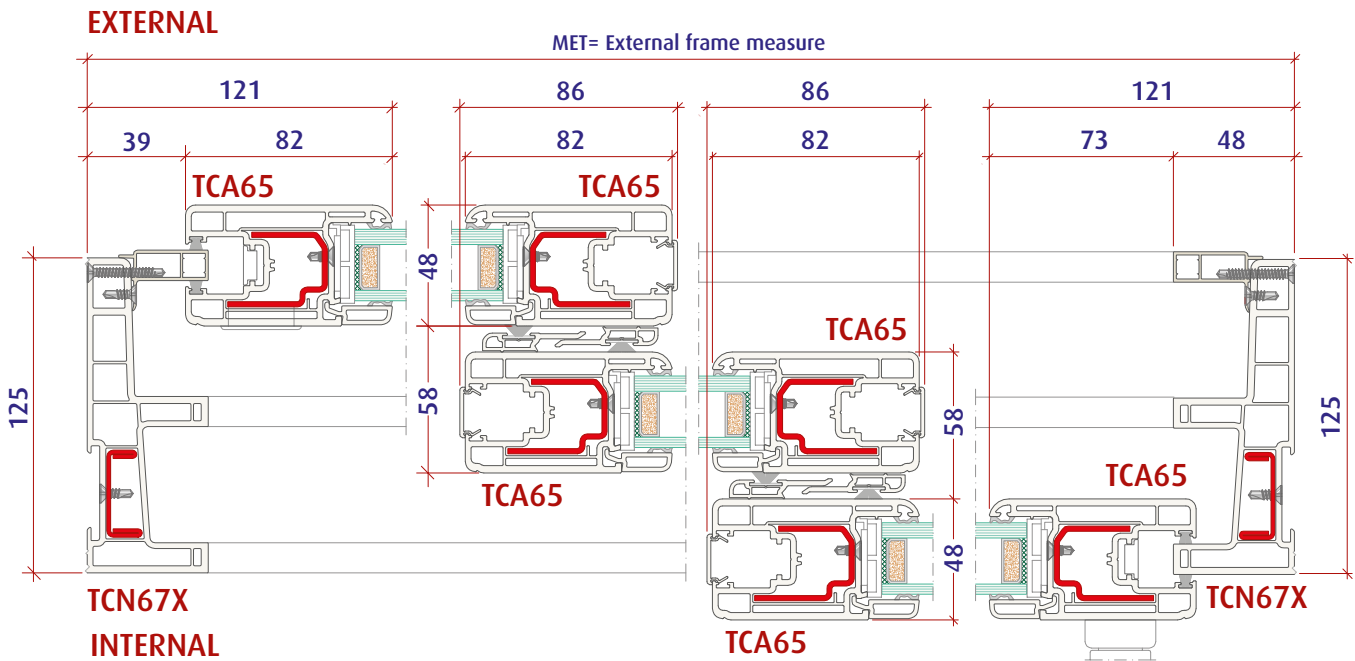
HORIZONTAL SECTION



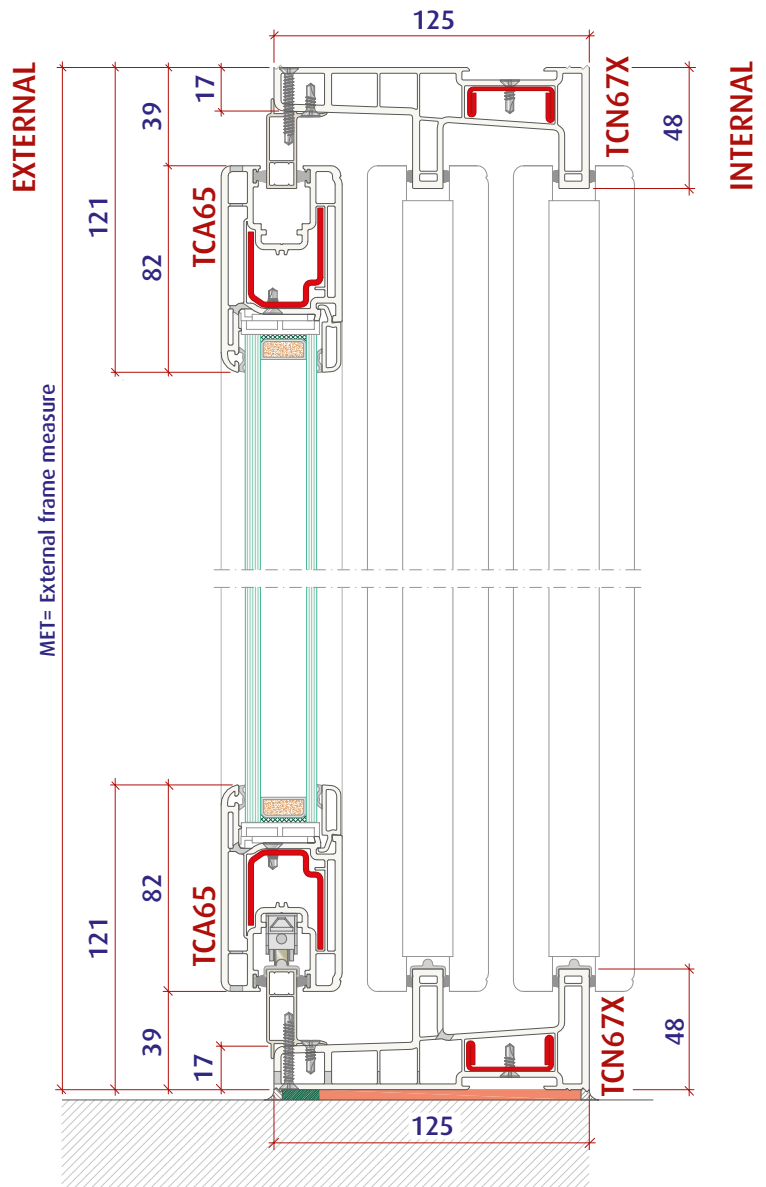
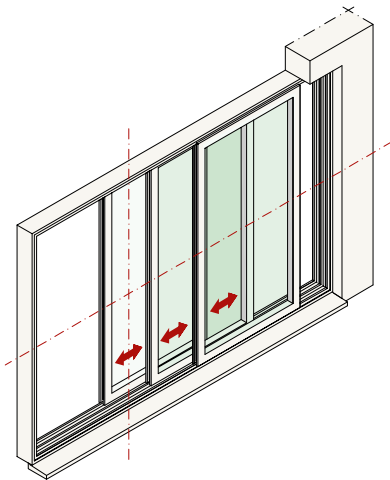
VERTICAL SECTION



3 SLIDING SASHES



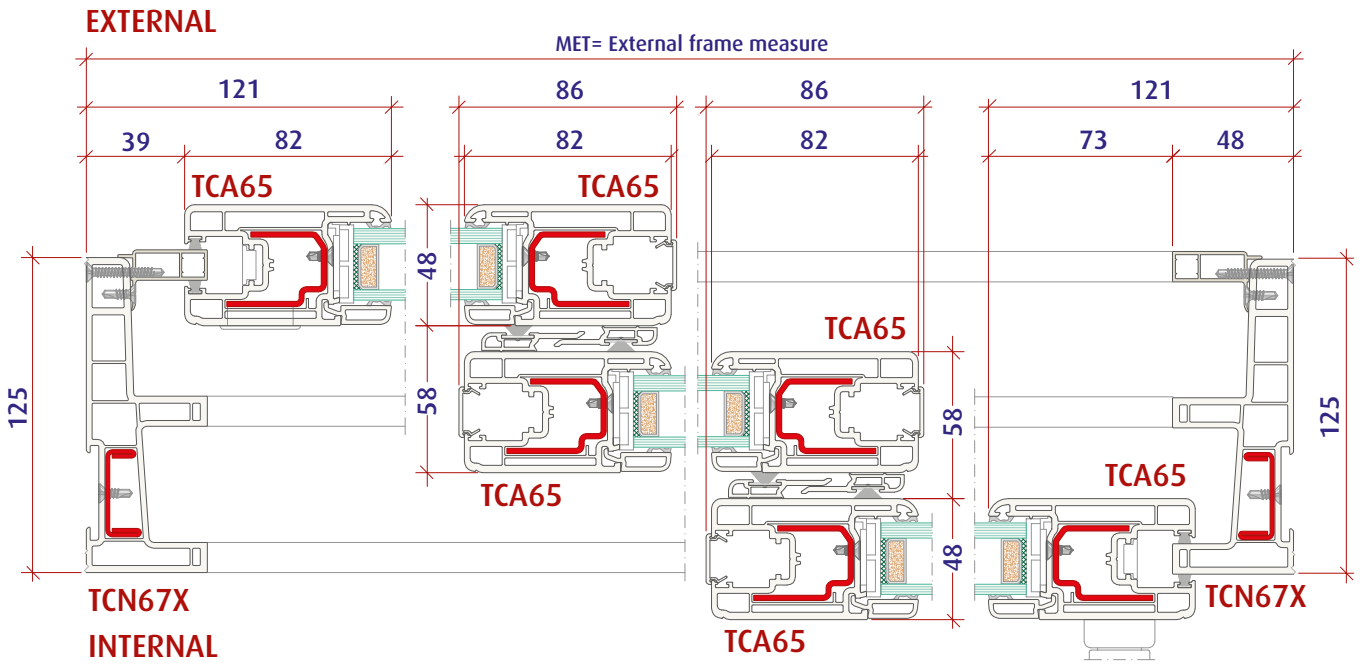
HORIZONTAL SECTION



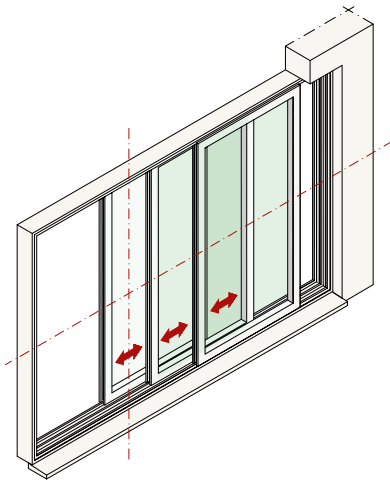
VERTICAL SECTION

scale 1:3

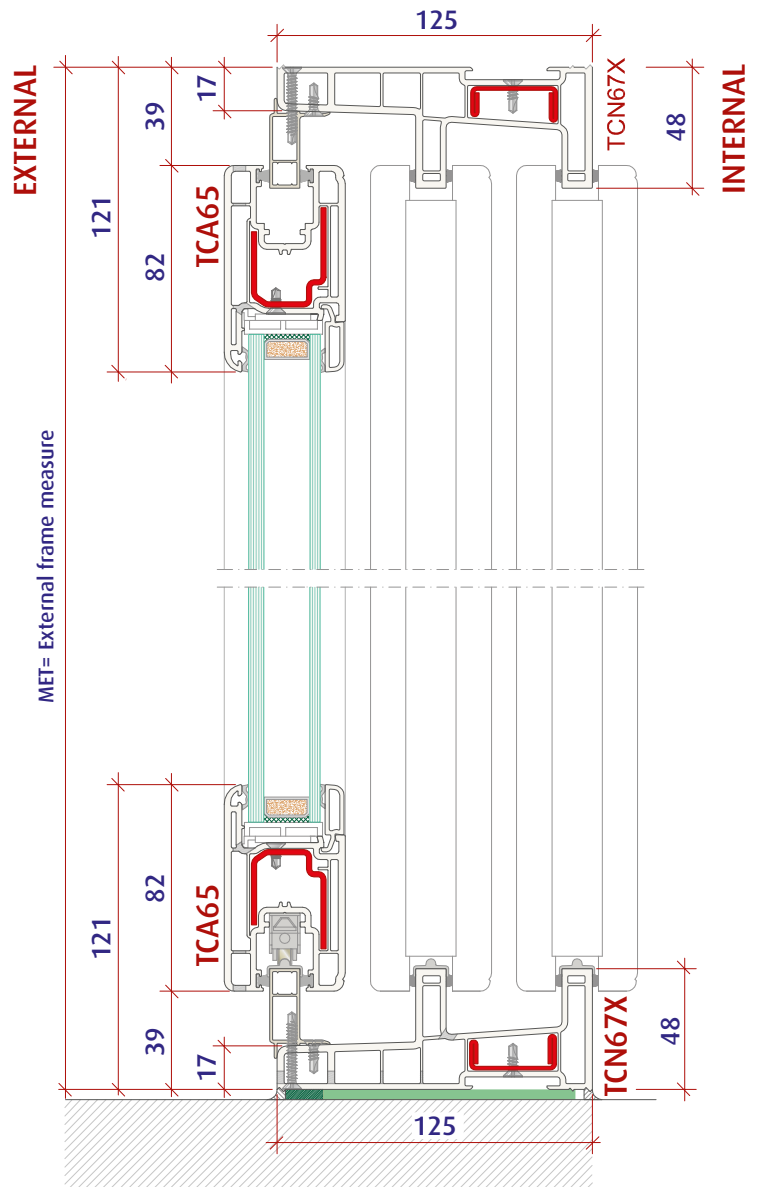
3 SASHES (1 central fixed and 2 lateral sliding)



HORIZONTAL SECTION

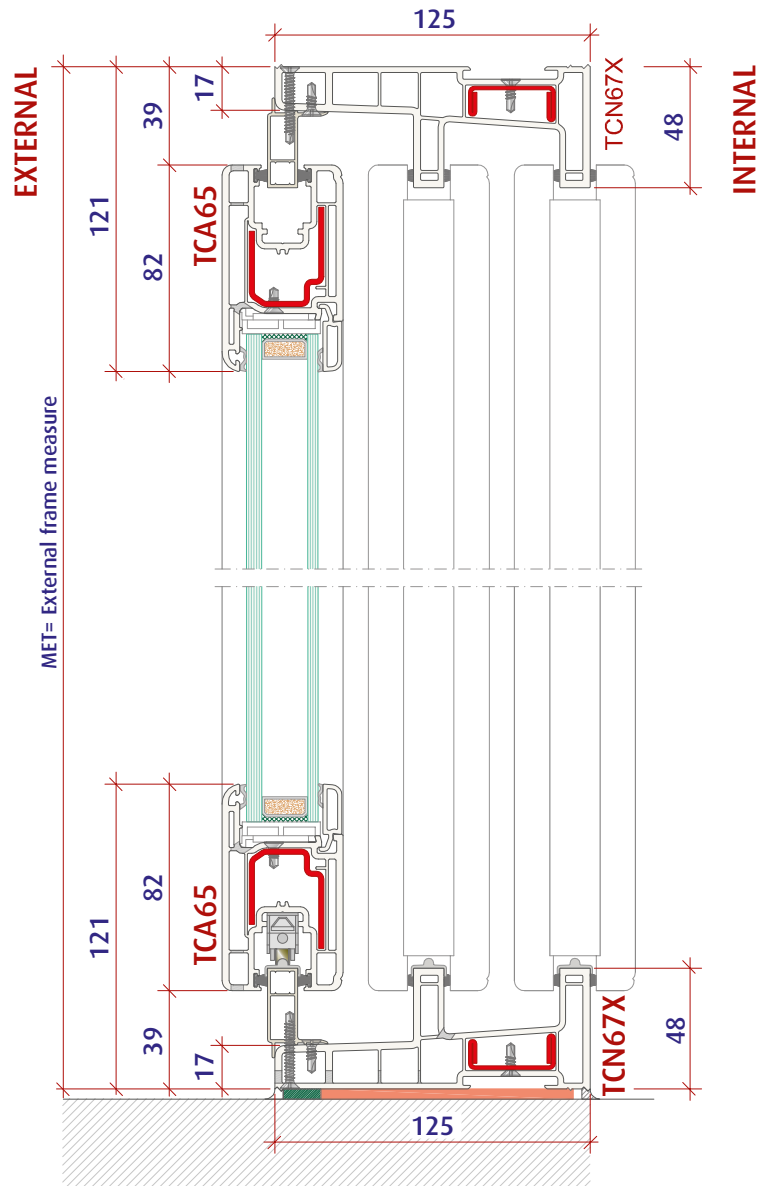
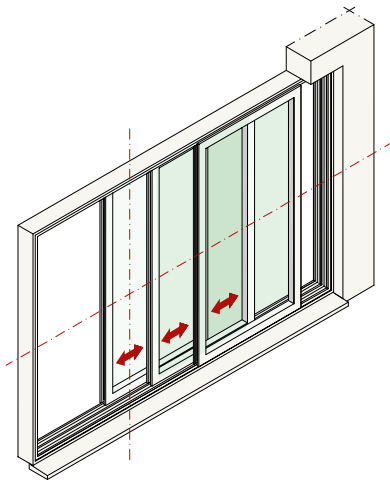
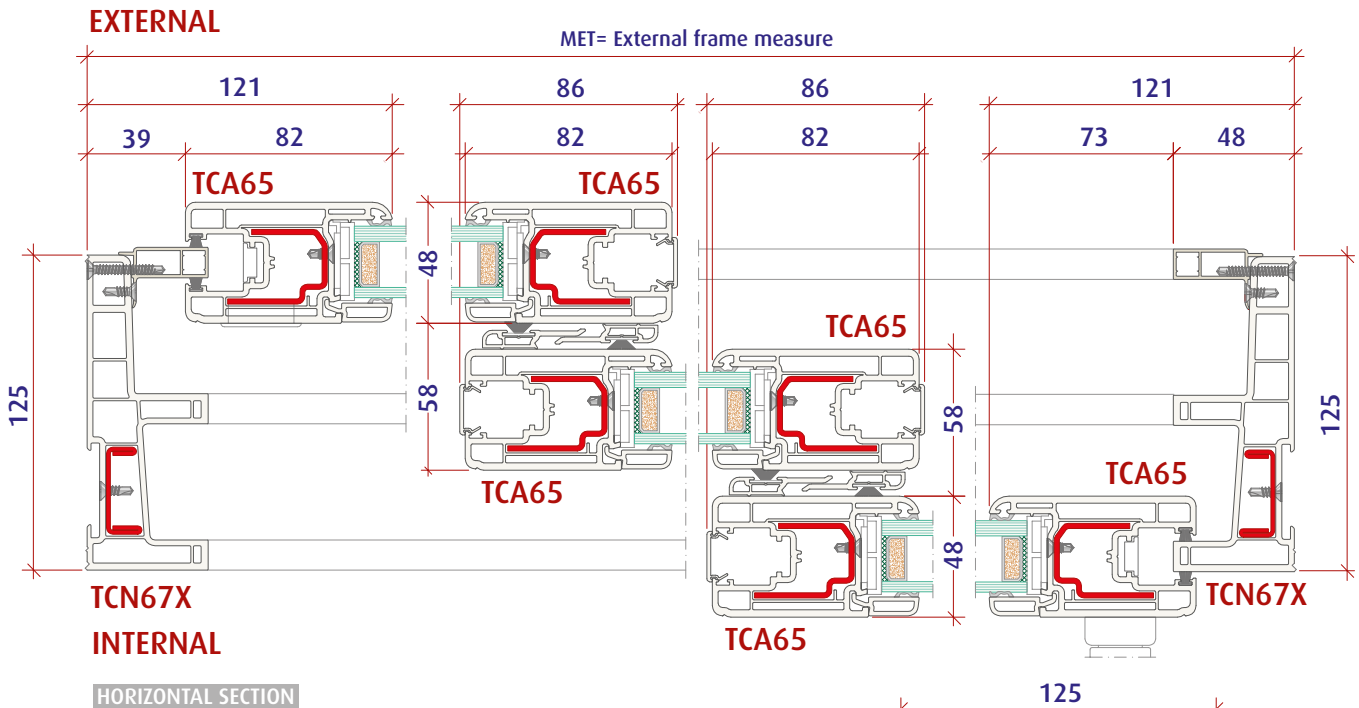


VERTICAL SECTION



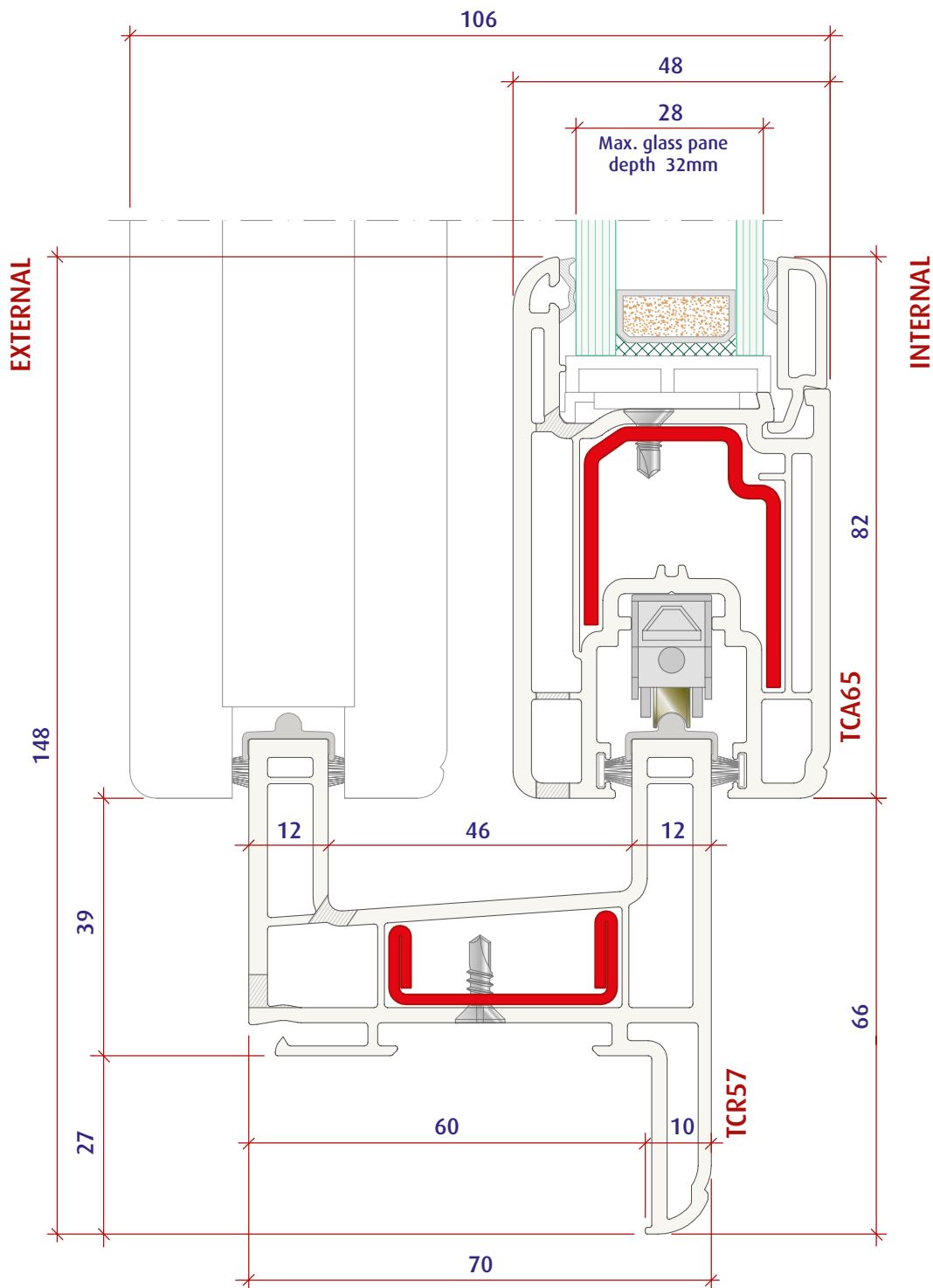
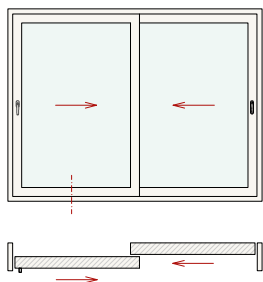
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3 SLIDING SASHES



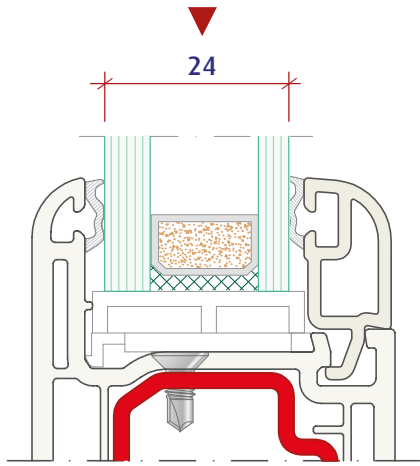
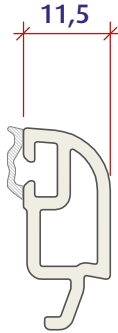
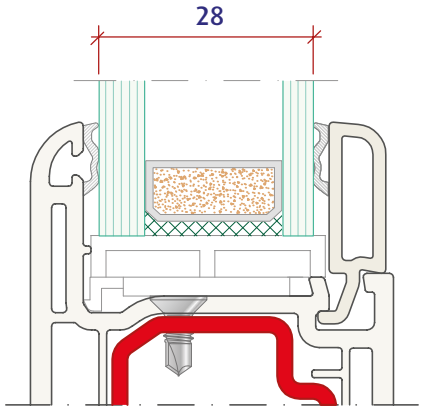
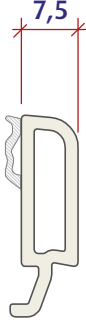
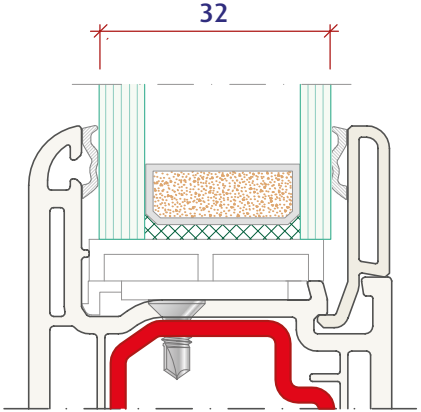
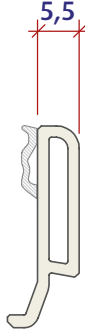
scale 1:3

2 SLIDING SASHES

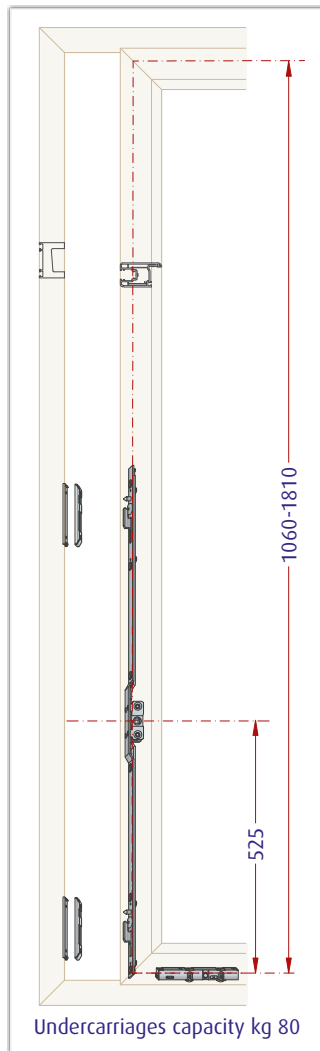
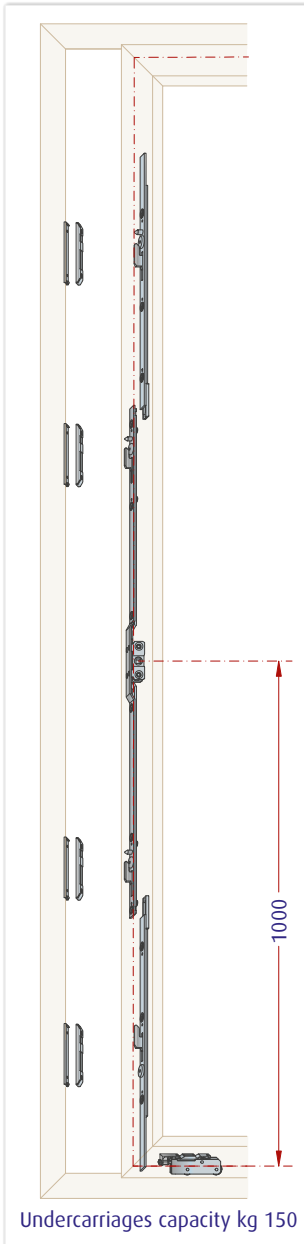


CENTRAL POINT FRAME CASING-SASH: TCR57 - TCA65

scale 1:1

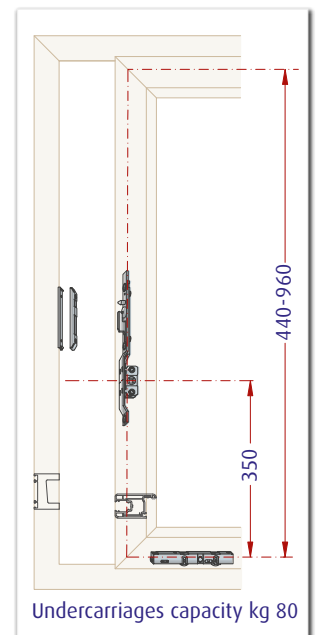
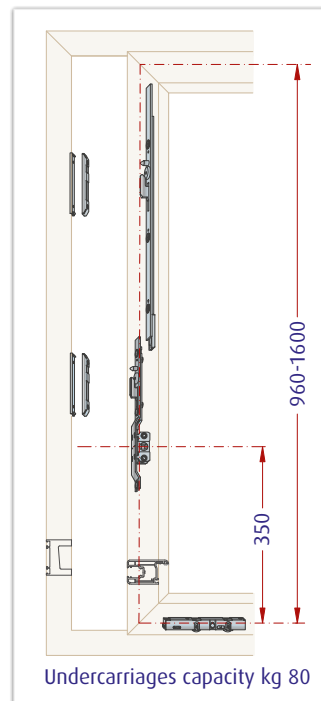
GLAZING BEADS		
Thickness glass	Section	Item
 <p>24</p>	 <p>11,5</p>	3124
 <p>28</p>	 <p>7,5</p>	3038
 <p>32</p>	 <p>5,5</p>	12649

HARDWARE



The "TC70 48/82" in-line sliding system is suitable for both windows and balcony doors. It assembles a hardware able to move sideways with sashes bearing up to 150kg in a practical and comfortable way.

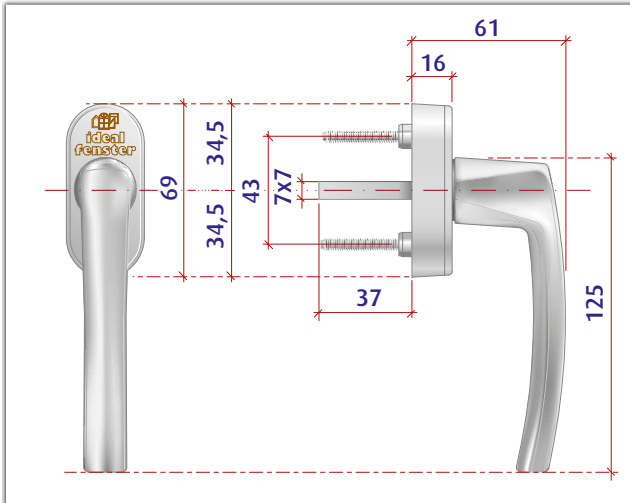
The hardware is completely embedded. The sturdy and resistant carriers allow the sashes to slide smoothly and quietly (bearing a load up to 150kg).



- Cremone bolt with hook-closure and security and anti-lift device with an amortized stop
- Standard version or with key
- Intruder included thanks to the cremone bolt with punch and hook

- Handles/push-handles are available in different colours
- Undercarriages with ball-bearings adjustable in height

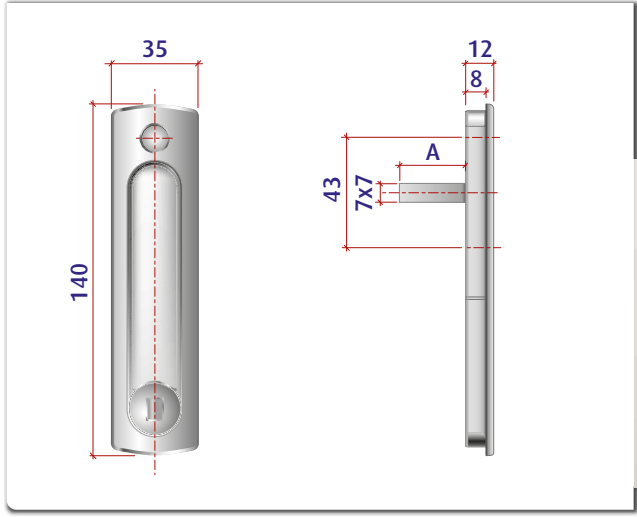
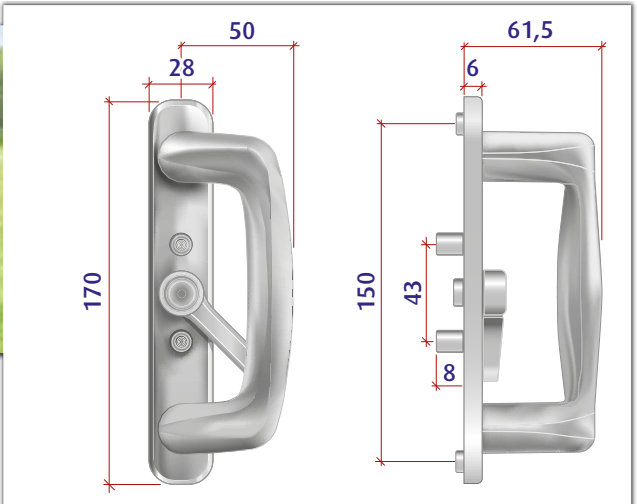
HARDWARE



Windows

Balcony doors (upon request and with supplement)

All the handles are sturdy, resistant and worked to the last detail. Thank to the extended grip they ensure a practical and comfortable use.



Solution with 2 sliding movable and overlapping sashes need a handle that is totally embedded in the frame and assembled on the outer sash. In this way the sliding sashes can completely overlap.



The handle can be easily operated by lifting it up from the base plate and turning it with the minimum effort to open the sliding sash. With the same facility, it is brought back to its original position. Handles are available in the following colours: White and F9 silver.



ideal fenster
Group

The higher quality **PVC windows**

