ESTRON
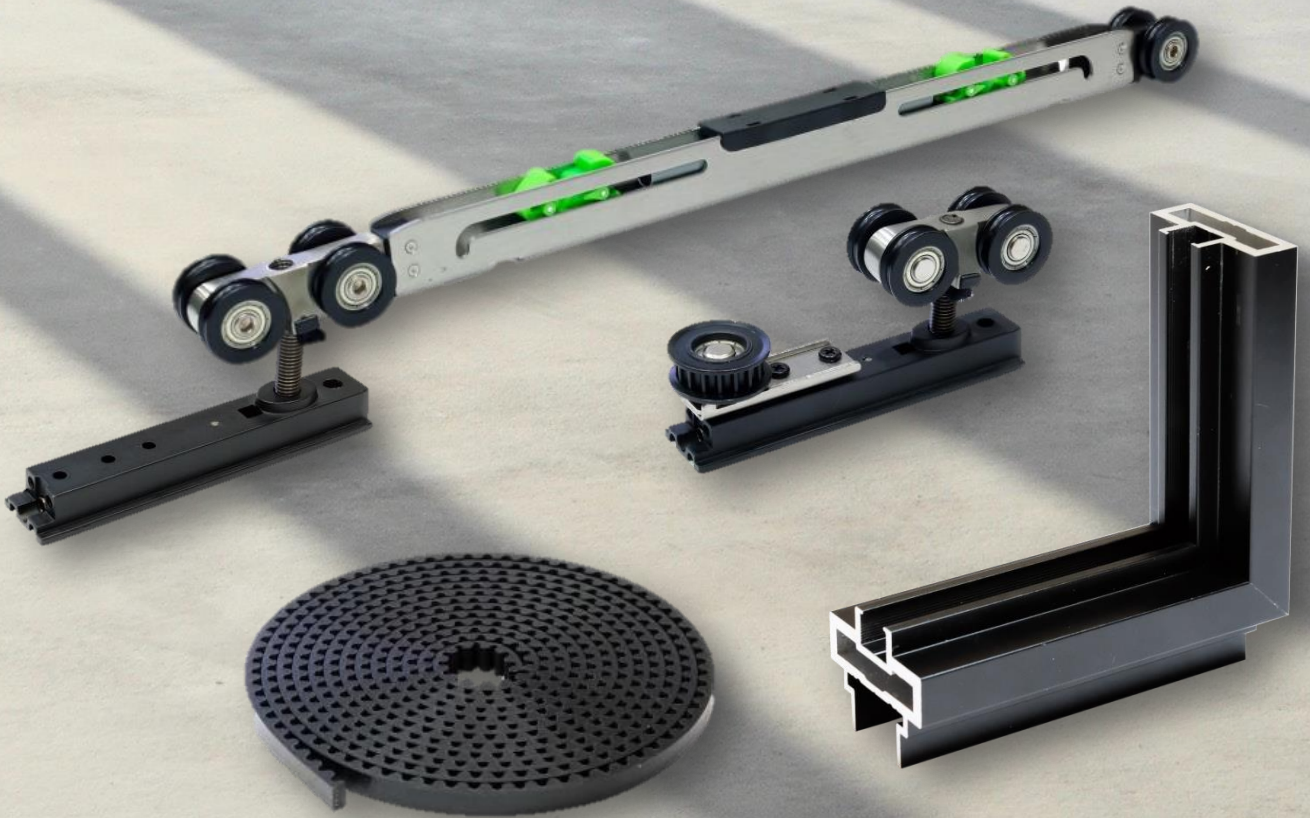
ESTRON MARKETING PTE. LTD.

STC80 SYNCHRONIZE TELESCOPIC SLIDING SYSTEM
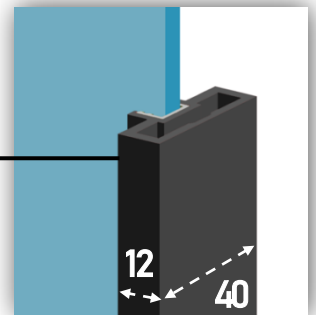
"Experience Seamless Sliding with Synchronize Telescopic Sliding Doors"

12x40mm
Ultra-Slim Frame
In Matte Black

12   40

MULTI-PANEL SYNCHRONIZED SLIDING

ESTRON STC80 offers a wider opening than a single sliding door, allowing you to maximize your usable space. Unlike single sliding doors, which have a width limitation that can restrict the size of the opening, ESTRON STC80 combines multiple panels that slide along tracks, providing a broader opening. This design flexibility enables you to customize the system to your specific needs, ensuring that you can achieve the ideal balance between functionality and aesthetics in your space.

ULTRA-SLIM FRAME

The ultra-slim matte black frame provides a sleek and modern look to the ESTRON STC80. With a slim profile of only 12mm, the frame virtually disappears, allowing the focus to remain on the glass panels and the surrounding architecture. The matte black finish adds a touch of sophistication and further enhances the sleek and modern appearance of the frame.
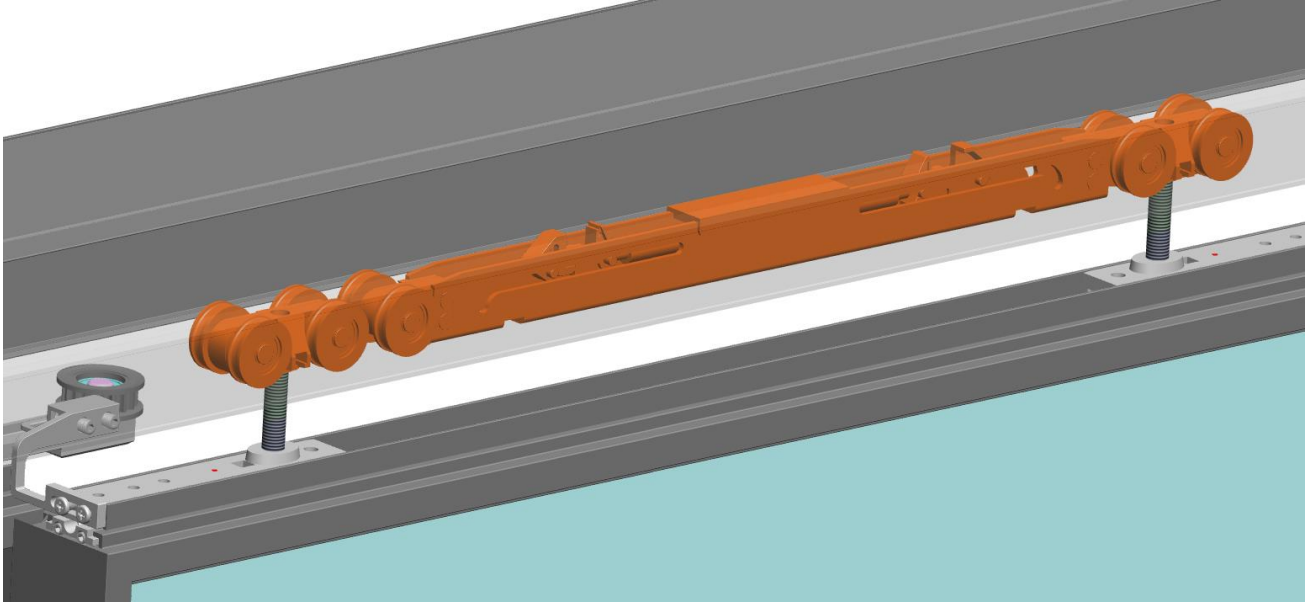
SOFT-CLOSING

The integrated soft-closing mechanism not only ensures quiet and smooth closing without any harsh banging noises, but it also enhances the aesthetic appeal of the sliding ending. The Shorter 2-Way Soft Closing Barrier Carrier enables the minimum door width of only 585mm!

CUSTOMIZABLE

The system can be designed to accommodate 2 to 5 sliding panels, depending on the size of the opening and the desired configuration. We recommend that you consult with our staff regarding the dimensions of your entrance to ensure the best fit for ESTRON STC80.

FIXED PANEL OPTION

In addition to these benefits, ESTRON STC80 also offer the option to have a fixed framed panel. This provides a uniform look to the system and ensures that the design remains consistent across the entire opening.

APPLICATION

Ideal solution for large openings in residential or commercial settings, or where there is a need to maximize the usable floor area. Additionally, ESTRON STC80 can be designed to fit virtually any opening, making them a flexible solution for a variety of architectural designs.

Reinforced Tooth Belt

Aramid Fiber Polyurethane with Steel Cord

Reinforced Steel Cord

Our tooth belt features a steel cord reinforcement designed for synchronizing telescopic sliding doors, as we understand that belts that break or wear down quickly can be a source of frustration, and this belt has been engineered to provide reliable and long-lasting performance!

TECHNICAL SPECIFICATIONS

S/N	Description	Item Code			
		2S	**2S+1F**	**3S**	**3S+1F**
1	Panel Configuration	2 Sliding	2 Sliding + 1 fixed	3 Sliding	3 Sliding + 1 fixed
2	Track Length	*3.0m*	*3.0m*	*4.8m*	*4.8m*
3	Finishing	Matte Black			
4	Door Width	585 – 1200mm			
5	Max. Door Weight	80kg			
6	Soft-Closing	Two-Way Soft Closing			
7	Door Configuration	8mm glass (Framed)			
8	Frame Dimension	Ultra-Slim 12mm (Frontal View) x 40mm (Profile View)			
Additional Remarks		• Suitable for up to 5** sliding panels (+ 1 fixed panel) • *Suitable to configure for Double Leaf Door Bi-Parting*** ***please consult our staff for more information.*			

COMPONENT LIST

1. STC80-2S system for **2** sliding panels includes:
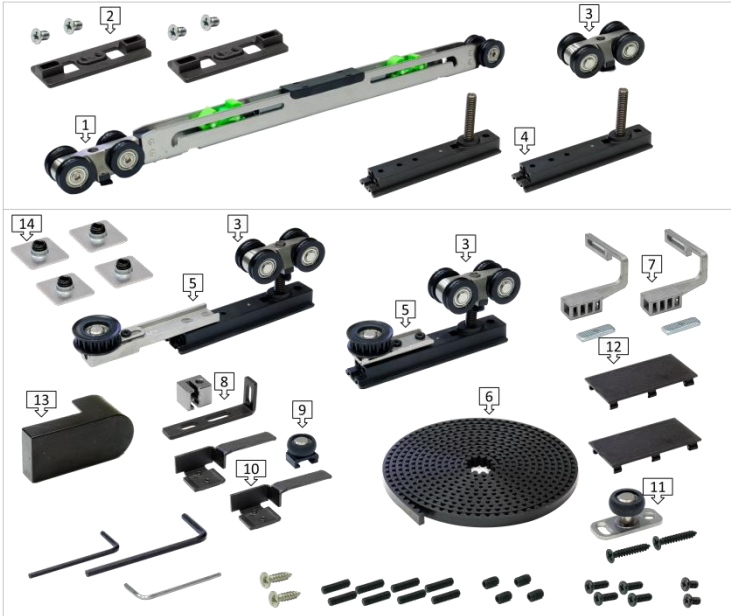
1. Soft Closing Barrier Carrier, 1nos
2. Latch Activator, 2nos
3. Carriage Roller, 3nos
4. Hanging Bracket, 2nos
5. Bracket w/ Gear, 2nos
6. Tooth Belt 2.5m, 1nos
7. Tooth Belt Side Clamp (L+R), 1pair
8. Tooth Belt End Clamp, 1nos
9. Bottom Rail Guide Roller, 1nos
10. Bracket for Bottom. Rail G. R., 2nos
11. Floor Guide, 1nos
12. Maintenance Hatch, 2nos
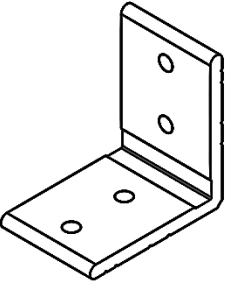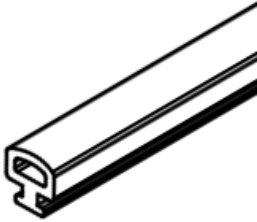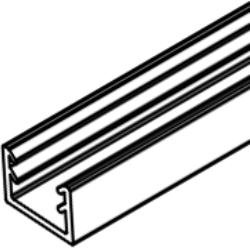13. Tooth Belt Gear Cover, 1nos
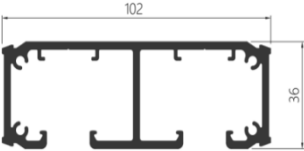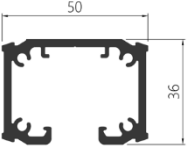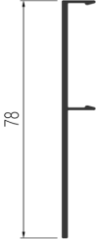14. Retaining Bracket, 4nos
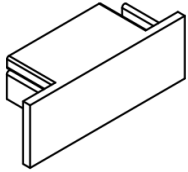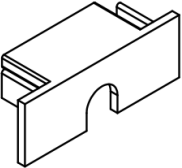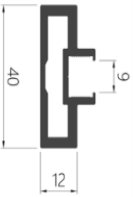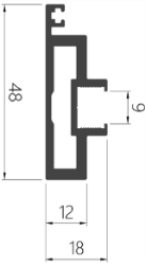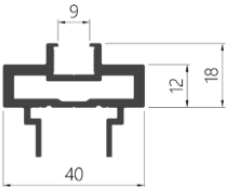
2. STC80-3S system for **3** sliding panels includes:

1. Soft Closing Barrier Carrier, 1nos
2. Latch Activator, 2nos
3. Carriage Roller, 5nos
4. Bracket, 2nos
5. Bracket w/ Gear, 4nos
6. Tooth Belt 2.5m, 2nos
7. Tooth Belt Side Clamp (L+R), 2pair
8. Tooth Belt End Clamp, 1nos
9. Bottom Rail Guide Roller, 2nos
10. Bracket for Bottom. Rail G. R., 2nos
11. Floor Guide, 1nos
12. Maintenance Hatch, 3nos
13. Tooth Belt Gear Cover, 2nos
14. Retaining Bracket, 6nos

COMPONENT LIST

1. STC80-MB
Aluminium Frame
Corner Bracket.
N/A Finish.
Require:
4pcs / Door Frame

2. STC80-WP060
Rubber Sealing Strip for
STC80-4818
Require:
5.0m x (no. of
door frame - 1)

3. STC80-U825
8mm White "U"
Clip Seal, 2.5m/pc
Require:
3pcs / Door Frame

4. STC80-EC2
Top Rail End Cap
Black
Require:
2pcs / Door Frame

5. STC80-EC3
Bottom Rail End Cap
Black
Require:
2pcs / Door Frame

6. STC80-4018
40mm x 18mm
Stiles Frame
Matte Black

7. STC80-4818
48 x 18mm
Stiles Frame
Matte Black

8. STC80-4032
40mm x 18mm
Top & Bottom Door Rail
Matte Black
Require:
2pcs / Door Frame
(Max. width 1.2m / pc)

9. STC80-36102
36mm x 102mm Double
Channel Top Track
Black

10. STC80-3650
36mm x 50mm
Single Channel Top Track
Black

11. STC80-3616
36mm x 16mm
Top Track
Side Connector
Black

12. STC80-AC78
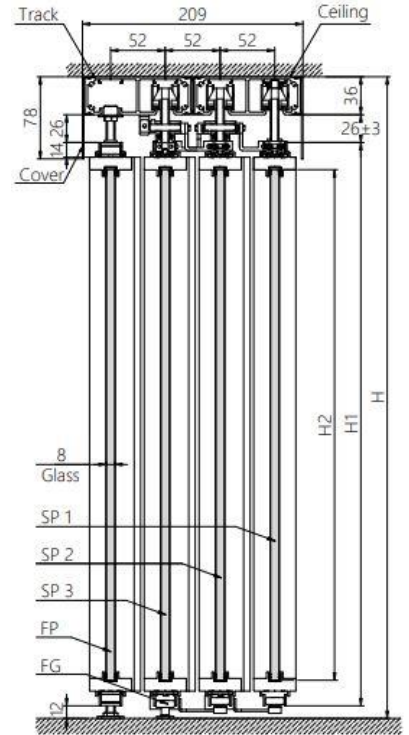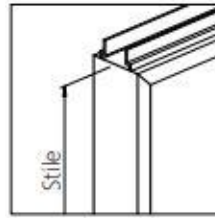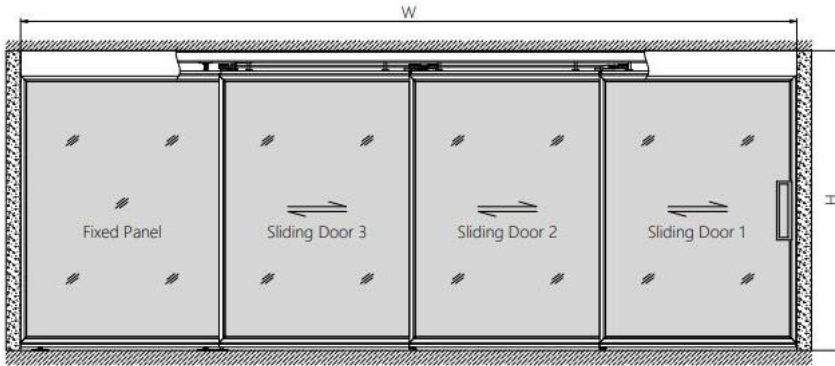Aluminium Cover for
Top Track
Matte Black

ADDITIONAL COMPONENTS

1. STC80-PH1
Flush Handle, Matte Black
Length: 220mm (L),
1 pair

2. STC80-PH2
Pull Handle, Matte Black
Length: 220mm (L) ,
1 pair

3. STC80-PH-2L
Pull Handle w/ Lock
Matte Black & Wall Strike
Plate, Length: 220mm (L),
1 pair

4. STC80-FP
Optional Fix Panel Accessories
For : STC80-2S/3S
Require:
1 set / Fixed Panel

5. STC80-1
Expansion Module for additional
STC80 Sliding Panel:

1. Carriage Roller, 2nos

2. Bracket w/ Gear, 2nos

3. Retaining Bracket, 4nos

4. Tooth Belt Gear Cover, 1nos

5. Tooth Belt Clamp L/R, 1pair

6. Bracket for Guide Roller L/R, 2nos

7. Guide Roller, 1nos
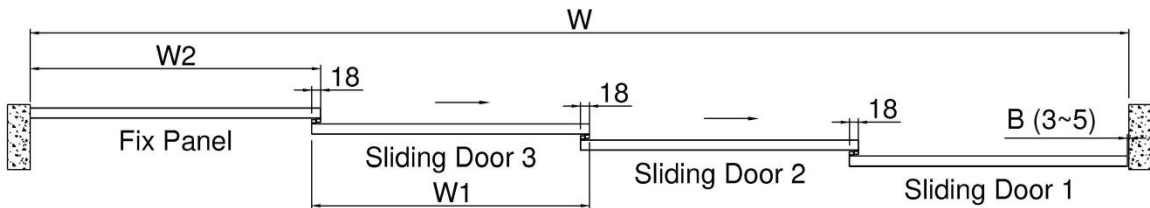
8. Tooth Belt 2.5m, 1nos

9. Maintenance Hatch, 1nos

TECHNICAL DRAWINGS (3S+1F)

Track — 209 — Ceiling
52 52 52
36
78
14.26
26±3
Cover

Fixed Panel | Sliding Door 3 | Sliding Door 2 | Sliding Door 1

W | H

8 Glass
SP 1
SP 2
SP 3
FP
FG
H2 H1 H

Stile

Fully Closed Position

OUTSIDE
W

W2
18
Fix Panel

18
Sliding Door 3
W1

18
Sliding Door 2

B (3~5)

Sliding Door 1

Code	Description	Formula
W	Wall to Wall Opening Width	Opening Dimensions
H	Floor to Ceiling Height	$W - A(\sim25^*) + 18 \times (N.O.P - 1) - B(\sim5^*)$
W1	Sliding Panel Frame Width	No. Of Panels (N.O.P)
W2	Fixed Panel Frame Width	$W1 + A(\sim25^*)$
W3	Sliding Panel Glass Width	$W1 - 22$
W4	Fixed Panel Glass Width	$W2 - 22$
H1	Sliding/Fixed Frame Panel Ht.	$H - (100 \sim 103^{**})$
H2	Sliding/Fixed Glass Panel Ht.	$H - (122 \sim 125^{**})$
Frame	Sliding Door	$W1 \times H1$
	Fix Panel	$W2 \times H1$
Glass	Sliding Door	$W3 \times H2$
	Fix Panel	$W4 \times H2$

W2
W4
A (~25)

W3
W1
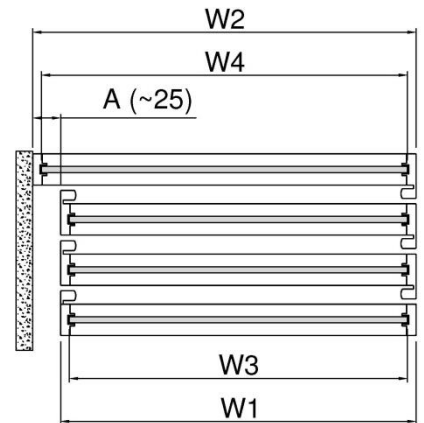
*Indicated variable dimensions: A / B
**Indicated value must smatch (i.e. H1=H–102 & H2= H-124)

Product improvement is a continuous process,
please check specifications at point of purchase.