

About us

The world of Taiton provides you with the Largest and most Comprehensive product range which has been intelligently crafted to suit the modern Hi-tech commercial and residential establishments. We have a rich tradition of manufacturing and distributing high Quality Architectural Hardware which meets and exceeds expectations.

The tradition has inspired us to foray into diverse field of premium & exclusive products to decorate your interior spaces. Our diversified product portfolio is strategically divided into 9 verticals. In the current dynamic world, infrastructural development is witnessing the rapid advancement, hence there is a requirement to continuously innovate the products utilizing latest technologies to offer solutions that match perfectly to the need of modern customers.

Going forward we bring to you TAVIC range of Luxury Wardrobe systems & Modern Partition systems. In this range every product is ergonomically designed & manufactured on State-of-the-Art machines. The Profiles are heavy duty & offers Multiple finish options to select from to match you interiors & taste.

Being a Quality conscious firm, we never compromise with the Quality of our products. For that, we conduct an elaborate research on the materials to be used and the prevailing market trends. We ensure that our products undergo strict quality checks on various parameters like durability, finishing and robustness before they are delivered to our customers.

TAITON will keep challenging itself in the new era, dedicating to supply more beautiful and high quality products for a better living. We offer prompt & courteous delivery of our products and efficient customer service.

Exceptional functional & technical expertise coupled with extensive industry knowledge make TAITON the ideal choice for implementation of your desires into reality.

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TAVIC 25

TAVIC

25mm x 25mm (Single Glaze)



Features

- Standard Section 25mm x 25mm
- Suitable for 8mm/10mm/12mm toughened glass
- Partition height can be offered up to 3000mm
- Doors Can be mounted either on Hinges, patch systems or Pivot doors for frameless glass doors, Stile doors also can be incorporated.
- Sound insulation capacity of 30-32 dB

TAP-25-01





Available Finishes

TAVIC 45

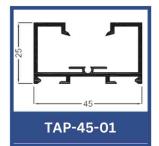
45mm x 25mm (Single Glaze)

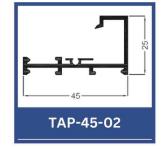


Features

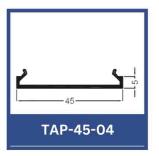
- Standard section 45mm x 25mm
- Suitable for 8mm/10mm/12mm toughened glass
- Partition height can be offered up to 3000mm
- Doors Can be mounted either on Hinges, patch systems or Pivot doors for frameless glass doors, Stile doors also can be incorporated.
- Sound insulation capacity of 32-34 dB

Available Finishes

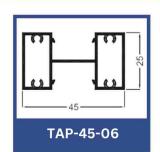


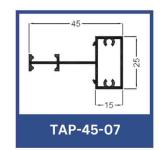










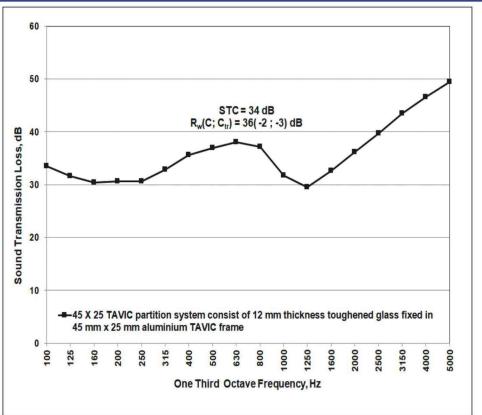




TAVIC 45 **DB** Certification



One Third Octave Frequency, Hz	Sound Transmission Loss, dB
100	33.5
125	31.6
160	30.4
200	30.6
250	30.6
315	32.9
400	35.6
500	37.0
630	38.1
800	37.2
1000	31.8
1250	29.6
1600	32.6
2000	36.2
2500	39.7
3150	43.5
4000	46.5
5000	49.4





ULR-TC508523050000026F NVH/3100015417/2022-23/0026

25th January 2023

INSTRUMENTATION

Sr. No	Instrument Name	Type / Model No	Make	Calibrated on	Calibration due on
1	Multi-channel Data Acquisition System	3560 D	Bruel & Kjaer, Denmark	11-Aug-22	11-Aug-23
2	½" Random Incidence Microphone	378B20	PCB, USA	11-Aug-22	11-Aug-23
3	Power Amplifier	2716	Bruel & Kjaer, Denmark	Does not require separate calibration as it is driven by data acquisition system	
4	Omni directional sound source	Omni power 4296	Bruel & Kjaer, Denmark		
5	Reverberation Chambers	80 m ³ and 110 m ³		-	

TEST RESULTS

Table 1 and figure 2 shows the average values and plot of airborne sound transmission loss of TAVIC partition system consist of 12 mm thickness toughened glass fixed in 45 mm x 25 mm aluminium TAVIC frame. The total size of system is 2,365 m x 2,365 m in the one-third octave frequency bands of 100 Hz to 5000 Hz, STC (sound transmission class) and $R_{\rm w}$ (C100-5000), Clr100-5000) (weighted sound reduction index and spectrum adaptation terms).

CONCLUSIONS

The sound transmission class (STC) is calculated as per ASTM E- 413 and weighted sound reduction index with spectrum adaptation terms R_w (C₁₀₀₋₅₀₀₀; C_{tr100-5000}) is calculated as per ISO 717-1 for TAVIC partition system consist of 12 mm thickness toughened glass fixed in 45 mm x 25 mm aluminium TAVIC frame.

The total size of system is 2.365 m X 2.365 m

Sound transmission class (STC)	33 dB
Weighted sound reduction index with spectrum adaptation terms R _w (C ₁₀₀₋₅₀₀₀ ; C _{tr100-5000})	36 (-1; -3) dB

bueff

Tested and Report

P.P. Kamble Dy. Manager Dy. General Manager

Reviewed By:

S. K. Jain

Reviewed By:

Dr. N. H. Walke

Approved By:

General Manager Deputy Director



The test set up for mounting and testing of TAVIC partition system consist of 12 mm thickness toughened glass fixed in 45 mm x 25 mm aluminium TAVIC frame between two

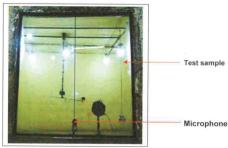
reverberation chambers ARAI

ULR-TC508523050000026F NVH/3100015417/2022-23/0026

25th January 2023



Source Room



Receiver Room

TAVIC 75

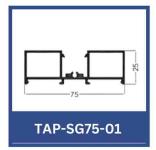
75mm x 25mm (Single Glaze)

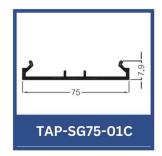


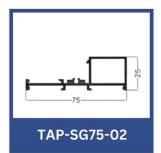
Features

- Standard section: 75mm x 25mm
- Suitable for 8mm / 10mm / 12mm toughened glass
- It can accommodate flush door of 35mm or 45mm
- Partition height can be offered up to 3000mm
- Sound insulation capacity of 32-34 dB
- Doors can be mounted either on Hinges, patch systems or Pivot doors for frameless glass doors, Stile doors also can be incorporated in 60 series and 75 series both

Available Finishes









TAVIC 100 SINGLE



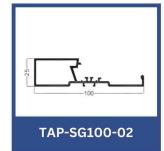
Features

- Demountable glass partition, 100mm thick
- Maximum height: 3000mm
- Any configuration possible: Full height, Segmented, Segmented at door height, multi-transform
- Doors can be mounted either on Hinges, patch systems or Pivot doors for frameless glass doors, Stile doors also can be incorporated in 65 series and 75 series both

Available Finishes





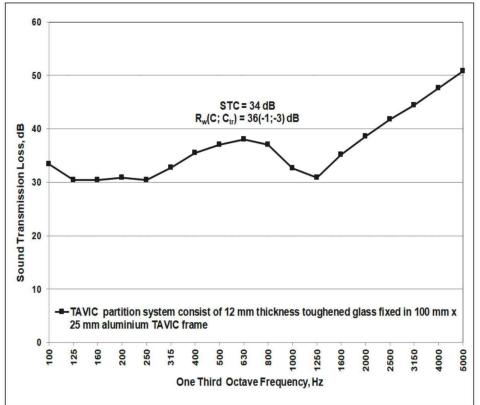




TAVIC 100 SINGLE **DB** Certification



One Third Octave Frequency, Hz	Sound Transmission Loss, dB
100	33.4
125	30.4
160	30.4
200	30.8
250	30.5
315	32.8
400	35.5
500	37.0
630	38.1
800	37.1
1000	32.6
1250	30.8
1600	35.2
2000	38.5
2500	41.7
3150	44.5
4000	47.6
5000	50.8



ULR-TC508523050000024F NVH/3100015417/2022-23/0024

24th January 2023

INST	TRUN	IENT	AT	ON

Sr. No	Instrument Name	Type / Model No	Make	Calibrated on	Calibration due on
1	Multi-channel Data Acquisition System	3560 D	Bruel & Kjaer, Denmark	11-Aug-22	11-Aug-23
2	½" Random Incidence Microphone	378B20	PCB, USA	11-Aug-22	11-Aug-23
3	Power Amplifier	2716	Bruel & Kjaer, Denmark	Does not require separate calibration as it is driven by data acquisition system	
4	Omni directional sound source	Omni power 4296	Bruel & Kjaer, Denmark		
5	Reverberation Chambers	80 m ³ and 110 m ³	-		-

TEST RESULTS

Table 1 and figure 2 shows the average values and plot of airborne sound transmission loss of TAVIC partition system consist of 12 mm thickness toughened glass fixed in 100 mm x 25 mm aluminium TAVIC frame. The total size of system is 2.365 m X 2.365 m in the one-third octave frequency bands of 100 Hz to 5000 Hz, STC (sound transmission class) and $R_{\rm W}$ (C100-5000; $C_{\rm W100-5000}$) (weighted sound reduction index and spectrum adaptation terms).

The sound transmission class (STC) is calculated as per ASTM E- 413 and weighted The sound transmission class (STC) is calculated as per AS IM E- 413 and weignted sound reduction index with spectrum adaptation terms R₂ (C190,5000; Cu190,5000) is calculated as per ISO 717-1 for TAVIC partition system consist of 12 mm thickness toughened glass fixed in 100 mm x 25 mm aluminium TAVIC frame.

The total size of system is 2.365 m X 2.365 m

Sound transmission class (STC)

Weighted sound reduction index with spectrum

36(0; -2) dB

36(0; -2) dB adaptation terms R_w (C₁₀₀₋₅₀₀₀, C_{tr100-5000})

Tested and Report Reviewed By: Prepared By:

Approved By:

hurp.

P.P. Kamble Dv. Manager

Dv. General Manager

S. K. Jain

All Dr. N. H. Walke General Manager Deputy Director

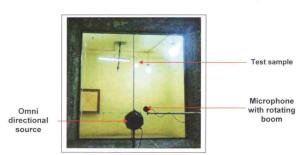


The test set up for mounting and testing of TAVIC partition system consist of 12 mm thickness toughened glass fixed in 100 mm x 25 mm aluminium TAVIC frame between two reverberation chambers

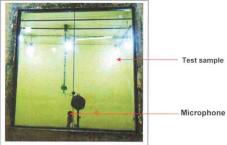


ULR-TC508523050000024F NVH/3100015417/2022-23/0024

24th January 2023



Source Room



Receiver Room

TAVIC 100 DOUBLE

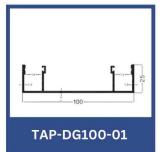
TAVIC



Features

- Demountable glass partition, 100mm thick
- Maximum height: 3000mm (depending on elevations)
- Any configuration possible: Full height, Segmented, Segmented at door height, multi-transform, etc.
- Doors can be mounted either on Hinges, patch systems or Pivot doors for frameless glass doors, Stile doors also can be incorporated in 65 series and 75 series both

Available Finishes





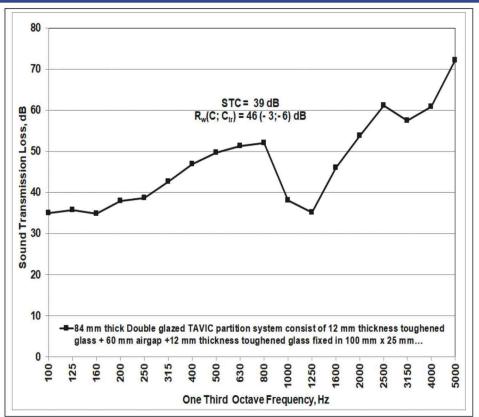




TAVIC 100 DOUBLE **DB** Certification



One Third Octave Frequency, Hz	Sound Transmission Loss, dB	
100	35.0	
125	35.8	
160	34.9	
200	37.9	
250	38.7	
315	42.6	
400	46.9	
500	49.7	
630	51.3	
800	52.0	
1000	38.0	
1250	35.1	
1600	45.9	
2000	53.8	
2500	61.1	
3150	57.4	
4000	60.8	
5000	72.2	





ULR-TC508523050000025F NVH/3100015417/2022-23/0025

25th January 2023

INSTRUMENTATION

Sr. No	Instrument Name	Type / Model No	Make	Calibrated on	Calibration due on
1	Multi-channel Data Acquisition System	3560 D	Bruel & Kjaer, Denmark	11-Aug-22	11-Aug-23
2	½" Random Incidence Microphone	378B20	PCB, USA	11-Aug-22	11-Aug-23
3	Power Amplifier	2716	Bruel & Kjaer, Denmark	Does not require separate	
4	Omni directional sound source	Omni power 4296	Bruel & Kjaer, Denmark	calibration as it is driven by data acquisition system	
5	Reverberation Chambers	80 m ³ and 110 m ³	-	*	

TEST RESULTS

Table 1 and figure 2 shows the average values and plot of airborne sound transmission loss of 84 mm thick Double glazed TAVIC partition system consist of 12 mm thickness toughened glass + 60 mm airgap + 12 mm thickness toughened glass fixed in 100 mm x 25 mm aluminium TAVIC frame. The total size of system is 2,365 m X 2,365 m in the one-third octave frequency bands of 100 Hz to 5000 Hz, STC (sound transmission class) and Rw (C100-5000; Ctr100-5000) (weighted sound reduction index and spectrum adaptation terms).

CONCLUSIONS

The sound transmission class (STC) is calculated as per ASTM E- 413 and weighted sound reduction index with spectrum adaptation terms R_w (C₁₀₀₋₅₀₀₀; C_{tr100-5000}) is calculated as per ISO 717-1 for 84 mm thick Double glazed TAVIC partition system consist of 12 mm thickness toughened glass + 60 mm airgap + 12 mm thickness toughened glass fixed in 100 mm x 25 mm aluminium TAVIC frame. The total size of system is 2.365 m X 2.365 m

Weighted sound reduction index with spectrum 46 (-3; -6) dB adaptation terms R_w (C₁₀₀₋₅₀₀₀; C_{tr100-5000})

Tested and Report Prepared By :

Approved By:

lunge

P.P. Kamble Dy. Manager

M. P. Joshi

Dy. General Manager

S. K. Jain Dr. N. H. Walke

General Manager **Deputy Director**



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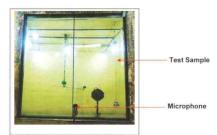
The test set up for mounting and testing of 84 mm thick Double glazed TAVIC partition system between two reverberation chambers



ULR-TC508523050000025F NVH/3100015417/2022-23/0025

25th January 2023





TAVIC SD 60

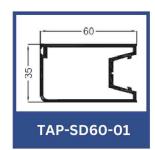
Style Door

TAVIC



FEATURES

- Framed glass door-series 60
- Compatible to European hardware
- Open door closer also applicable
- Suitable at heavy flow of traffic area











TAVIC SD 75

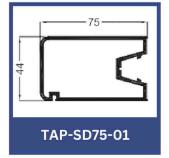
Style Door

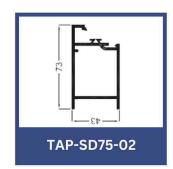




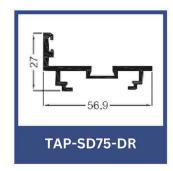
FEATURES

- Framed glass door-series 75
- Compatible to European hardware
- Concealed door closer for better aesthetic design
- High acoustic level performance









PORTAL SYSTEM



FEATURES

TAVIC Systems provide a portal profile to incorporate all available series with TAVIC, giving exclusive design elements and unique solutions for access control device installation as well as arranging space for meeting scheduler devices.

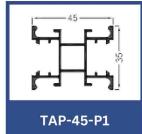
Panels come in size of 45mm and 100mm series which merge with both TAVIC 25 series, TAVIC 45 series, TAVIC 75mm series, TAVIC 100mm series and 100mm DG Series Shades Available:

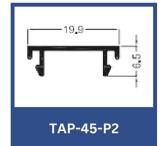
Silver Anodized / Blackmat / Mill finish available

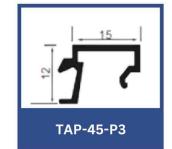
Compatible to glass thickness:

8mm & 12mm Clear Toughened

Partition height can be considered upto 3000 mm.











SLIDING



FEATURES

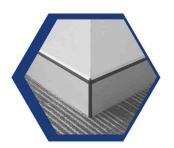
- Sliding door system enables glass doors to retain their minimalist aesthetics.
- Sliding glass doors provide huge space benefit and minimalist design. When combined with proven roller technology, it ensures that even high doors can be operated smoothly and with easily.





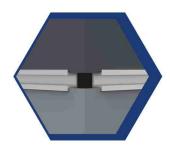


ACCESSORIES



SKIRTING Frames (TAP-SK 50/75/100) Height: 50mm/75mm/100mm Length: 3000 mm

TAVIC skirting comes in various sizes End cap is provided and available in PVC matching color TAVIC skirting are supplied with protection film to prevent damage or scratch, can be easily removed after completion of site.

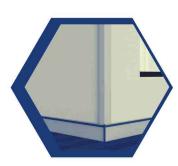


HAT SECTION (TAP-HS 05/08/10)

Width: 5 mm/8mm/10mm Length: 3000mm

TAVIC Hat decorative profiles are designed to make wall design visually attractive and complex detailing easy.

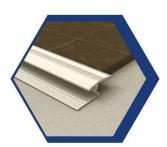
Used between the junction of two materials installed on the wall.



CORNER GUARD (TAP-CG 12/15/19/25)

Width: 12mm x 12mm / 15mm x 15mm / 19mm x 19mm/25mm x 25mm Length: 3000 mm

TAVIC Corner guard provides safety for outside wall corners, its economical and ideal option. Edges are tempered for smooth finish. Supplied with protection film and tape to prevent damage or scratch, can be easily removed after completion of site.



Z CARPET PROFILE (TAP-ZC)

TAVIC Z carpet profile is transition between carpet/vinyl to any other surface.

Length: 3000 mm Width: 29mm.

Screws are hidden on the bottom making the surface clear & provides a smooth



TRANSITION CARPET PROFILE (TAP-TC)

TAVIC transition carpet profile is used between carpet / laminate /vinyl

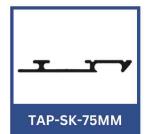
Length: 3000 mm Width: 32 mm.

Screws are hidden on the bottom making the surface clear & provides a smooth



SKIRTING







CORNER GUARD





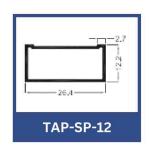


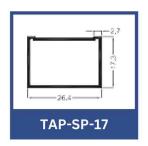


CONNECTORS









SECTIONS











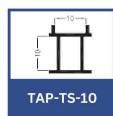
















HARDWARE FOR SLIM FRAMED OFFICE PARTITIONS Silver & Black Matt



Lock & Handle Set Available in K2K & K2N



Lock & Handle Set Available in K2K & K2N



Wall to Glass 90° Aluminium Door Hinge for Door Weight=45kg



Hook Lock for Steel / Wooden Door



Strike Box for D Type Glass Door Lock

TAGL-11-SB





For Door Frame Profile, Glass & Door Jamb





Tubular Mortise Handle for Narrow Style Doors



Narrow Style Lock Body with Latch & Dead Bolt



Narrow Style Lock Body with Dead Bolt



Both Side Keys



One Side Key & One Side Knob



Butterfly Hinge



Glass Door Handle with Integral Lock



Offset Handles



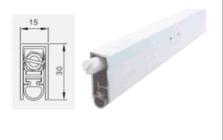
D & H Type Handles



Drop Down Seal for Frameless Glass Doors

Features:

- + Available in 900mm & 1000mm
- + Unilateral Sealing
- → Max. Sealing Height:12mm
- + Slotting Width: 15mm
- → Shell Material: Aluminium
- + Strip: PVC
- + Color: Silver & Black Matte



TA-DWDS

Drop Down Seal for Framed Doors



Maximum Door Weight: 80kg Maximum Door Width: 1200mm 5 Lakh Cycles Tested



Maximum Door Weight: 90kg Maximum Door Width: 1200mm **5 Lakh Cycles Tested**



CERTIFICATE OF CONSTANCY OF PERFORMANCE

Product(s): Building hardware - Controlled door closing devices - Requirements and test methods (refer to attached appendix for details and conditions)

Placed on the market Taiton Hardware Pvt Ltd under the name or trade mark of: 8-3-677/21, Yella Reddy Guda, Hyderabad, Telangana 500073

and produced in the manufacturing plant(s):

Intended use:

Taiton Hardware Pvt Ltd 8-3-677/21,Yella Reddy Guda, Hyderabad, Telangana 500073

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s):

EN 1154:1996/A1:2002/AC:2006

Under System 1 for the performances set out in this certificate are applied and that the performance of the construction product fulfils all the prescribed requirements for these performances.

This certificate replaces 0359-CPR-000735-01 first issued on 2018-12-18 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performances of the declared essential characteristics, do not change, and the construction product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body.

 ϵ 0905

The Issued document and statement(s) herein makes reference only to a presumption of conformity in accordance with the CPR Regulations EU 305/2011 (as amended! However, it is the manufacturer's or their authorised representative's sole responsibility to offix the CE logo and, by doing so, confirms full compliance and conformity to all other European mandatory directives and regulations that may also apply.

intertek ssue:

Intertek Deutschland GmbH, Stangenstraße 1, 70771 Leinfelden-Echterdingen Tel.: +49 711 27311-0 E-Mail: nb0905@intertek.com Web: www.intertek.de



Black, Silver

TSK-ACC-800-PLATE

Plate for Mounting Door Closer on Glass



TSK-ACC-900-PLATE

Plate for Mounting Door Closer on Glass

BIOMETRIC LOCK





BIOMETRIC & DIGITAL GLASS DOOR LOCKS





TAM-DL-G2G-SILVER & BLACK

For Swing Door

Features of RFID Locks:

- 5 way unlocking Fingerprint, IC Card Password, Key & Remote Control (Optional)
- · Easy installation, no need Glass Preparation
- · Automatic locking function
- · Dual combination access
- Touch keypad with backlight & waterproof surface
- · LED color screen to view all operations
- · USB interface for emergency power supply
- · Rotory switch & unlock button inside
- · Low battery indicator
- · Door bell function
- Suitable for glass door thickness 10-12mm
- Finger print capacity: 100 pcs
- · Card capacity: 1000 pcs
- · Password capacity: 1000 pcs
- Admissible Temperature: (-20°C to 55°C)
- Power supply 4 x AA battery (4.5V 6.5V)



TAM-SDL-G2G-BLACK For Sliding Door



TAM-DL-G2G-REMOTE

Remote Control















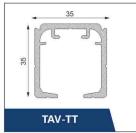


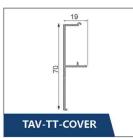


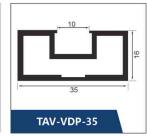


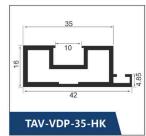
MANUAL SLIM FRAMED SLIDING SYSTEMS

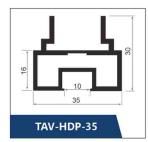




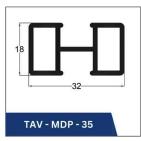


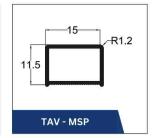




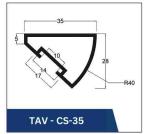


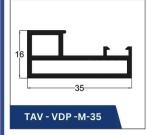


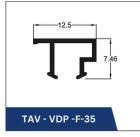






































AUTOMATIC SLIM FRAMED SLIDING SYSTEM

+ Wt. Capacity : 80kg + Sound : ≤40dB + Door Thickness : 45mm + Power Consumption : ≤100W + Door Height Formula : H-125 + Voltage : 220V dc

+ Door Width : 2750mm

Material & Finishes

+ Sliding Track : Aluminium & Anodized + Hanging roller : Sinc Alloy & SN

+ Bracket : Iron & SN + Color : Black Matte

Features:

- + Suitable for single or multiple sliding doors.
- + Suitable for sliding doors for residences, hotels, office buildings.
- + Motorless electromagnetic drive, App background setting, device, power of working mode, CE certification.
- + Can be integrated with wireless button switch, fingerprint switch, password switch, microwave induction switch & face recognition switch.



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Taiton offers sliding folding glass door system that is designed to offer a modern and sleek look while also providing maximum functionality and convenience. The sliding folding glass door system is ideal for use in residential and commercial buildings. The sliding folding glass door system is made using high-qualitymaterials and is designed to be durable and long-lasting. It is available in a variety of configurations, including bi-fold and multi-fold, and can be customized to fit any building or room.





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