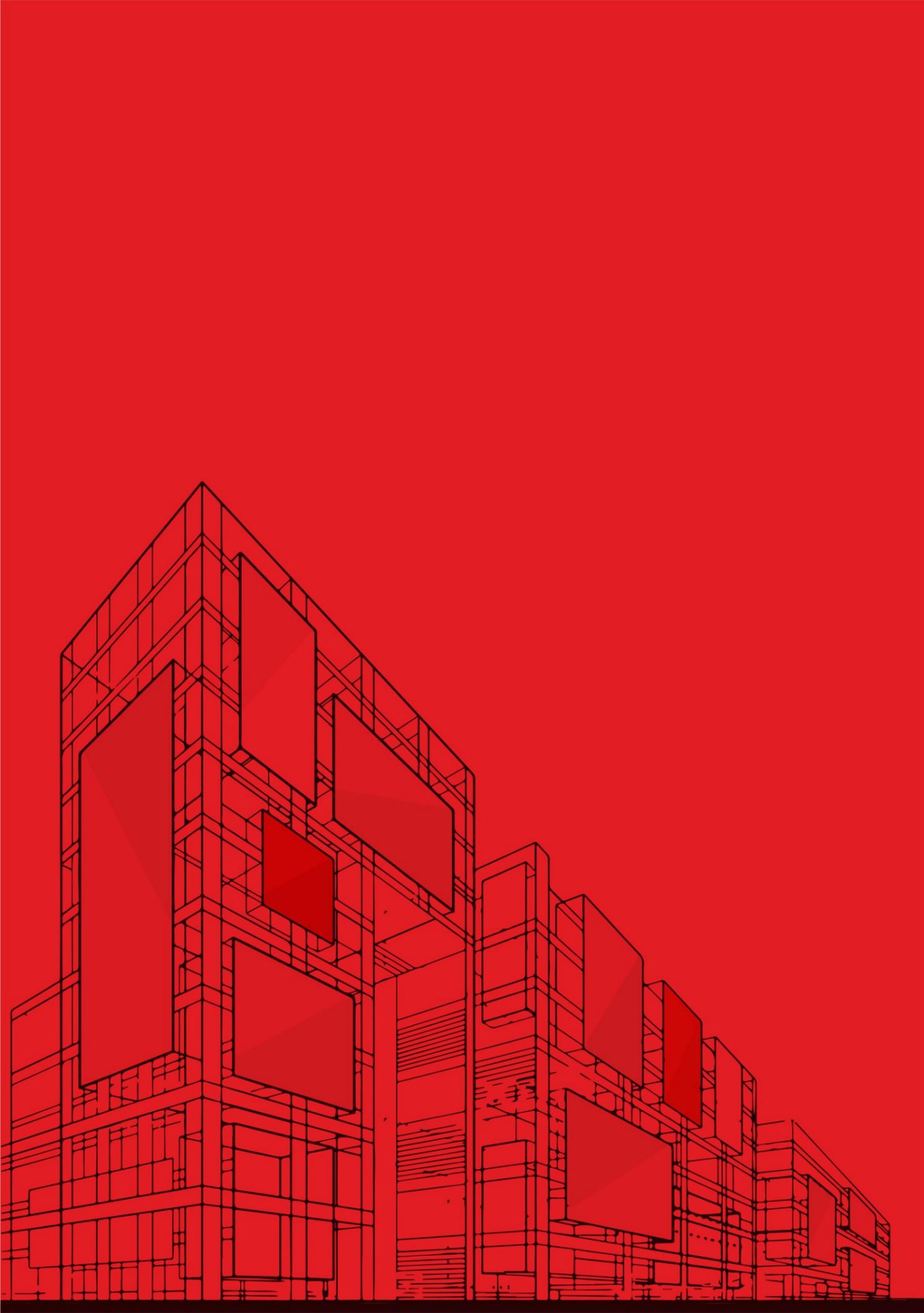




YEAR 2025





# WHO WE ARE

Cardinal System is an exclusive aluminium door and window system brand of Laxmi Trading Company. Since 1981, Laxmi Trading Company is engaged in supplying of highest quality aluminium sections with singular vision of our founder Shri Ghanshyambhai Patel. We are following the same vision, Cardinal System has evolved in to supplying one of the best quality aluminium system door and windows across India with support of our esteem suppliers like Jindal Aluminium, Avigiri Urethane & Rubber Industries and many other brands.

We take pride in the long-standing relationships we have built with architects and builders along with prestigious window manufacturers. We are also working with many well-known national and international aluminium and hardware manufacturers as well India's top window manufacturers. We have maintained these relationships by providing efficient quality work from the beginning of a project through the completion. We are experienced in designing, engineering, ordering, delivering, and working closely with manufacturers.

We, at Laxmi Trading Company, are supported by a dedicated team of skilled workforce that enables us in catering the requirements of the clients spread across the country. Our team comprises of procurement agents, quality controllers and others who work in proximity with each other to deliver the good within the stipulated frame at the client's door step.

We provide readily available more than 50 windows and door system throughout the country with highest quality of aluminium extrusion and hardware through strong supply-chain management, regional warehouse and very strong after-sale support system.



Cardinal Sliding System is high quality aluminium profiles with multiple typology options. It has smooth and effortless sliding system with option of fix and sliding window combination. With the help of euro groove design and quality hardware multipoint option and single point option is available for better locking experience. It has acoustic performance with cost effective way to satisfied big project need at economy cost. Systems like, Sliding Windows, Sliding Door, Casement Door, Casement Window, Bifold Door and many more. Each series is available with suitable economy hardware support.



Cardinal Opulence is unique combination of Premium and Modest features at comparative price. It is hybrid slim system with slim interlock and slim vertical track option. High quality aluminium profile and unique hardware combination make perfect sliding system for current trend in India. System is available in DGU and Single Glass option in Sliding door, Sliding Window, Casement Window, Casement Door and Bifold Doors. Excellent performance and cost-effective design make systems first choice for every Morden projects. In addition, Multipoint lock and single point lock option is also available for better security.



Cardinal Excellence is designed to deliver luxury performance, beauty, durability and security with a premium feature like biometric lock, motorized opening, parallel opening Lift & Sliding Doors and slim windows. It's pure luxury jewellery for luxury home and offices with premium aluminium 6063 T6 extrusions quality. Cardinal Excellence represent the greatest architectural look with highest technology door and windows system for Indian Market.

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# OUR STRENGTH

**40+** systems ready stock available

**200+** tons of ready stock material

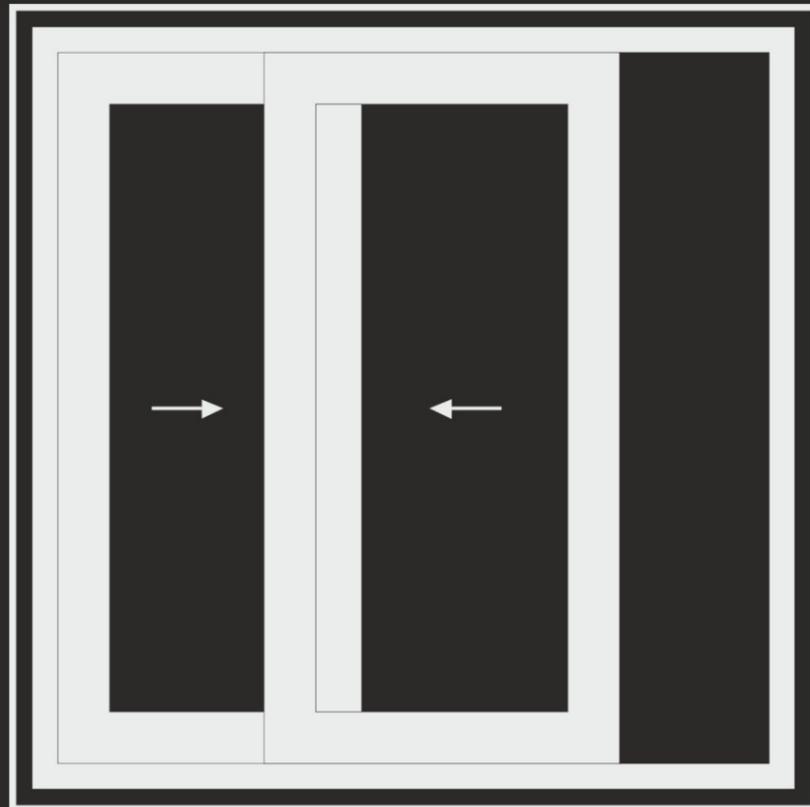
**9000+** sq. ft. warehousing space

**30+** systems experience centre in 3000 sq. ft. area

**2000+** satisfied customers all over India

**Support** user friendly software for sales & fabrication support

# SLIDING SYSTEMS



## CARDINAL SLIDING

CS.23	CS.29
CS.25	CS.32
CS.27	CS.35
CS.27.ES	CS.35.ES
CS.27.MR	CS.37

## CARDINAL OPULENCE SLIDING

COS.20	COS.39
COS.28	COS.49
COS.35	

## CARDINAL EXCELLENCE SLIDING

CES.23	CES.41
CES.36	CES.50

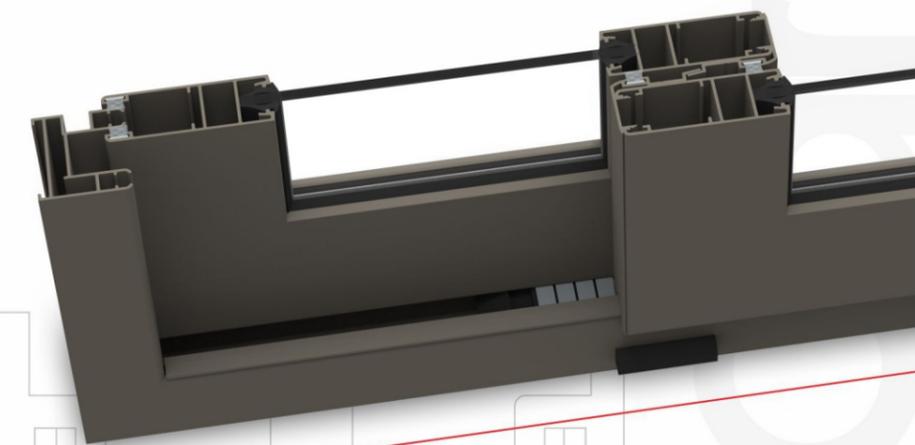
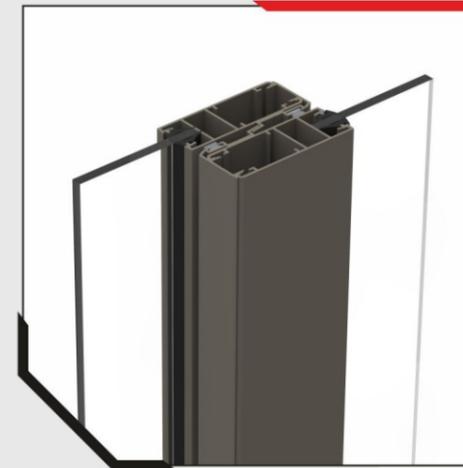
# CS.23

23mm Cardinal Sliding



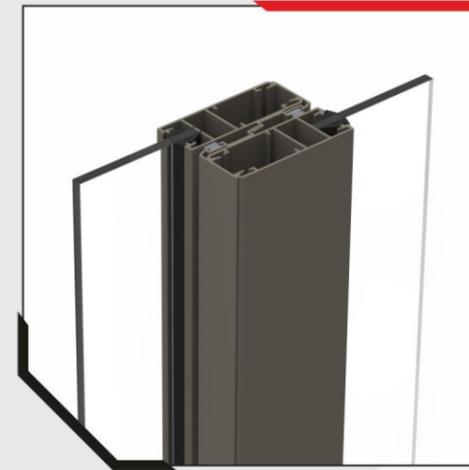
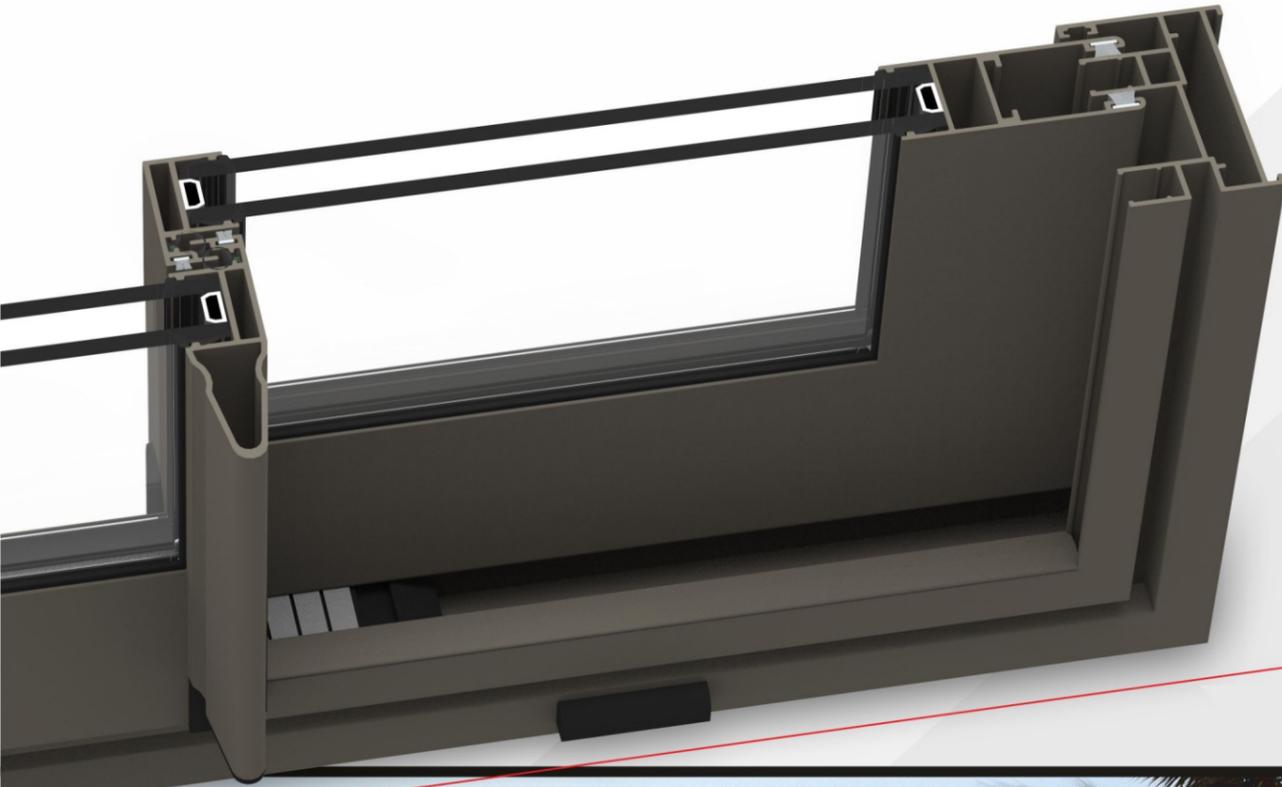
## TECHNICAL CHARACTERISTICS

Window Height (Max)	1900mm
Sash Height & Width	63mm / 23mm
Interlocking Visible Face Width	
- Non Slim Interlock	63mm
Track Option & Depth	
- 2 Track Depth & Visible Height	40mm / 35mm
- 3 Track Depth & Visible Height	70mm / 35mm
Corner Joint	
- Track Joint	45 Degree
- Sash Joint	45 Degree
Glass Range	
- Single Glass Sash	4mm to 6mm
Roller Weight Capacity (2 Pcs.)	
- Fix Single Roller	45kg / Sash
- Fix Double Roller	65kg / Sash
Locking Type	Single & Multipoint



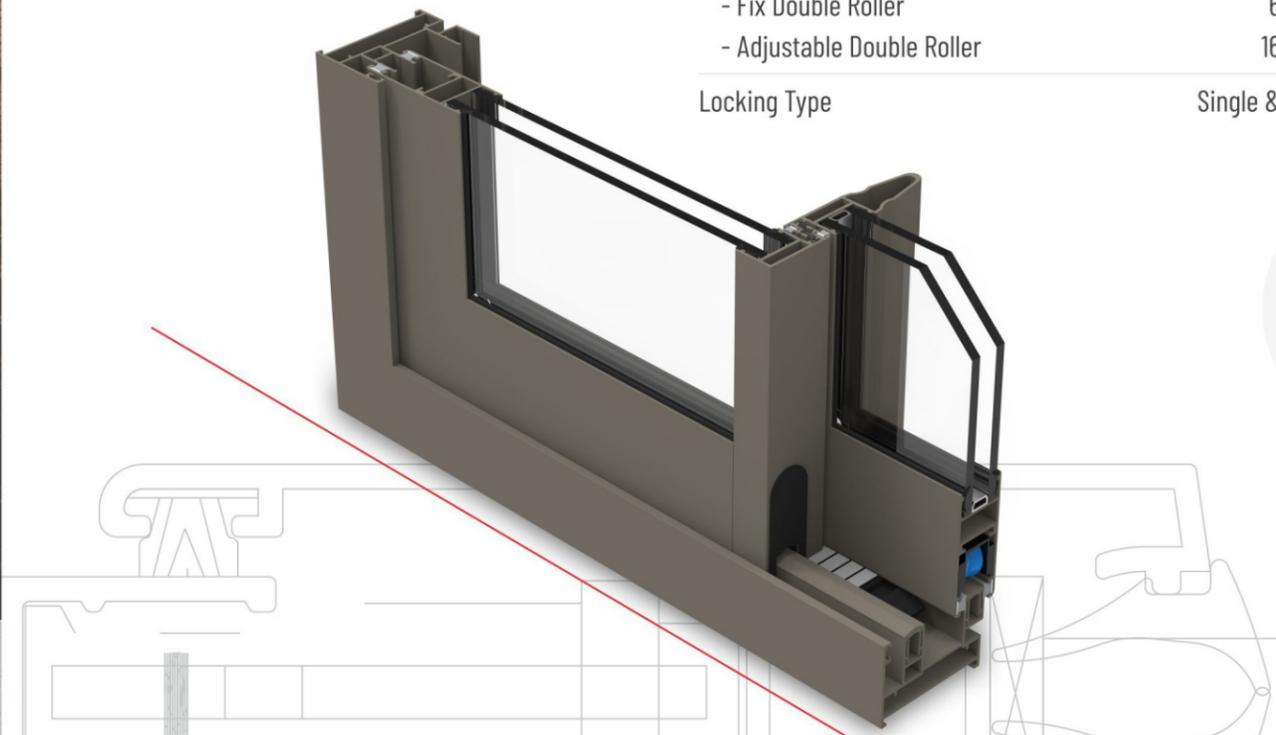
# CS.25

25mm Cardinal Sliding



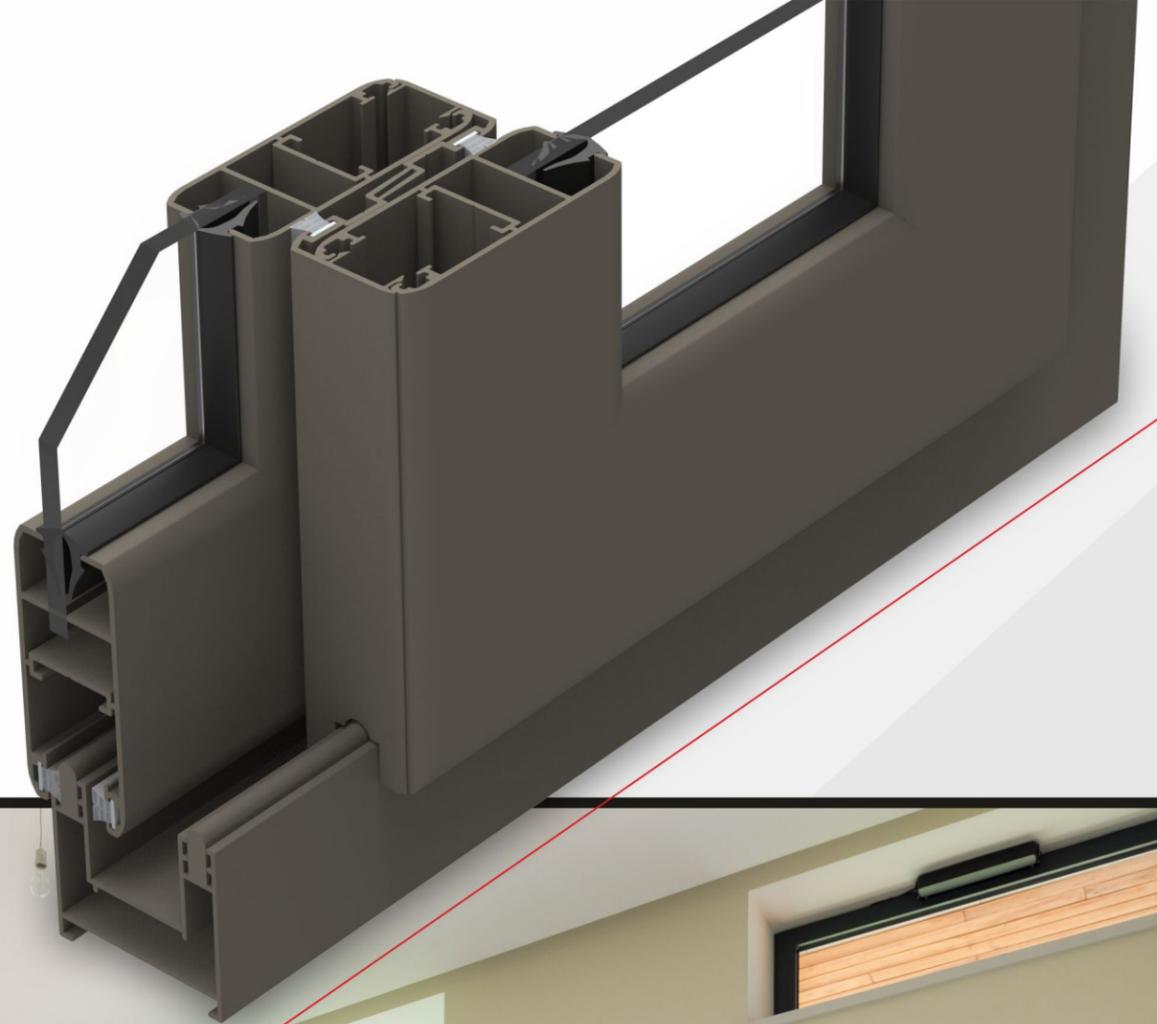
## TECHNICAL CHARACTERISTICS

Window Height (Max)	2200mm
Sash Height & Width	63mm / 25mm
Interlocking Visible Face Width	
- Slim Interlock	20mm
- Non Slim Interlock	63mm
Track Option & Depth	
- 2 Track Depth & Visible Height	50/40mm & 64/43mm
- 2 Track with Grill Depth & Visible Height	126/43mm
- 3 Track Depth & Visible Height	89/40mm & 101/43mm
- 3 Track with Grill Depth & Visible Height	150/43mm
- 4 Track Depth & Visible Height	150/43mm
- Single Track Addition Option	Available for Outside
Corner Joint	
- Track Joint	45 Degree
- Sash Joint	45 Degree
- Slim Interlock	90 Degree
Glass Range	
- Single Glass Sash	4mm to 6mm
- Double Glass Sash	16mm / 4mm to 6mm (with reducer)
Roller Weight Capacity (2 Pcs.)	
- Fix Single Roller	45kg / Sash
- Fix Double Roller	65kg / Sash
- Adjustable Double Roller	160kg / Sash
Locking Type	Single & Multipoint



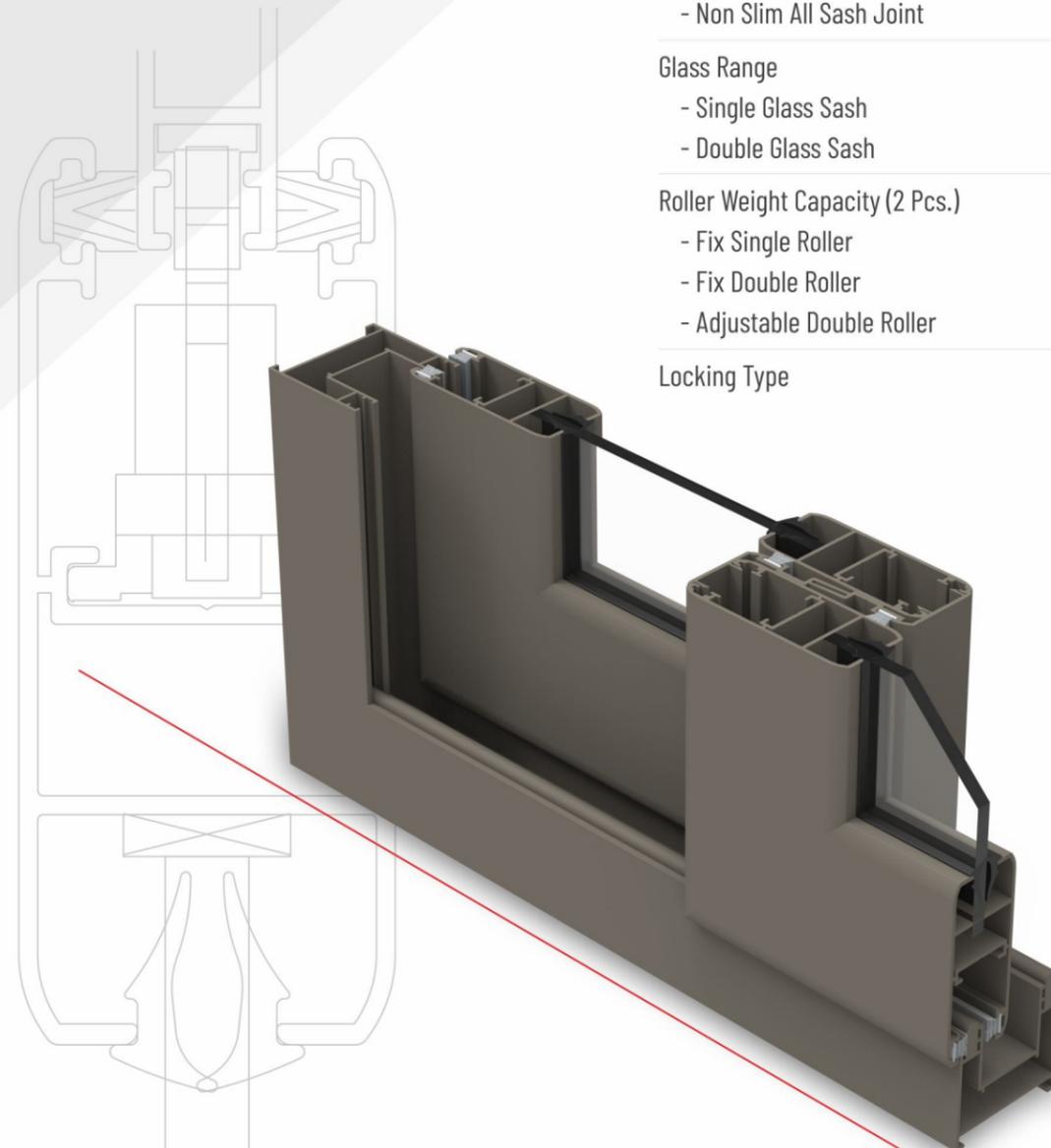
# CS.27

27mm Cardinal Sliding



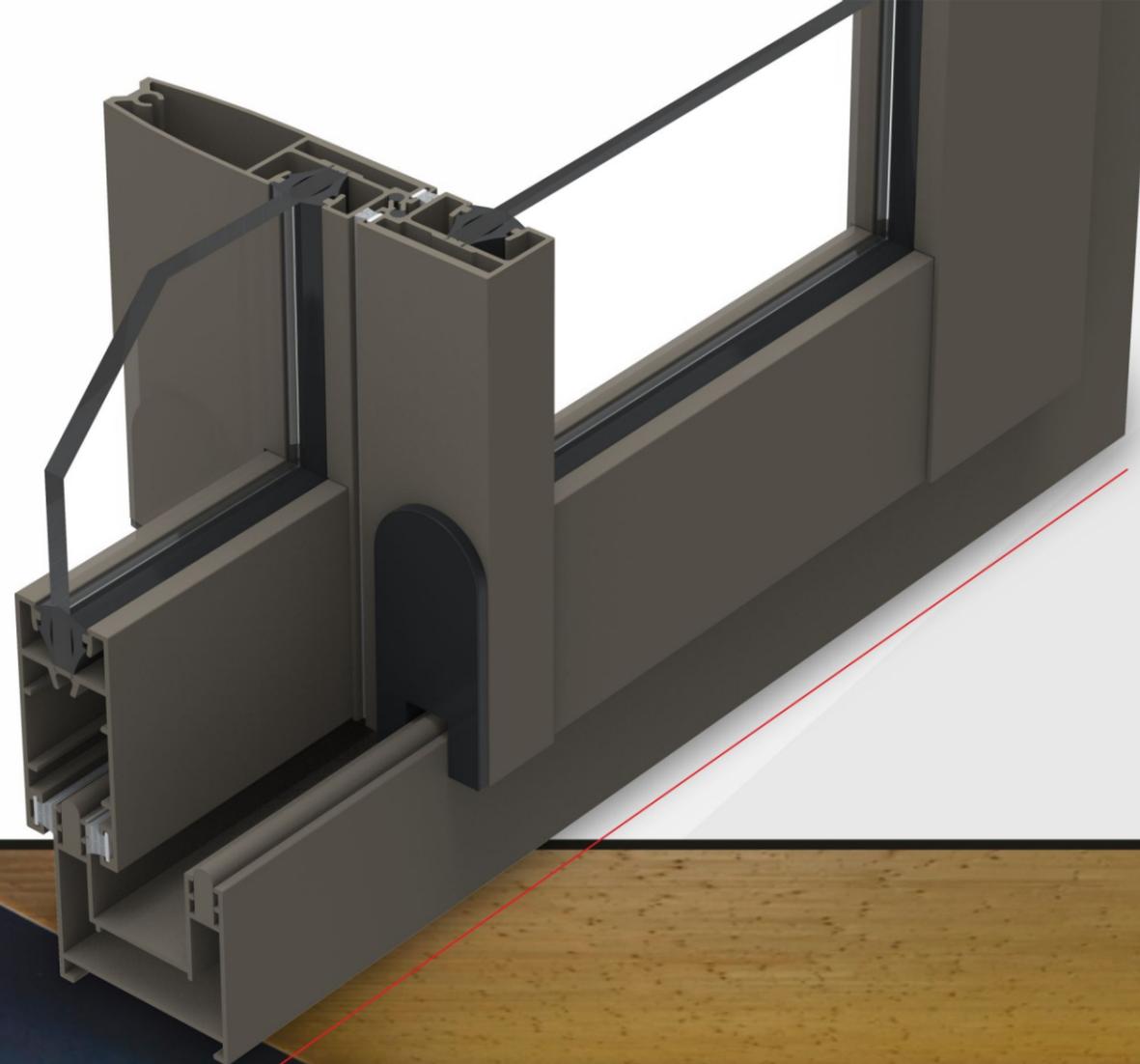
## TECHNICAL CHARACTERISTICS

Window Height (Max)	2200mm
Sash Height & Width	65mm / 27mm
Interlocking Visible Face Width	
- Non Slim Interlock	65mm
Track Option & Depth	
- 2 Track Depth & Visible Height	45/42mm & 74/46mm
- 3 Track Depth & Visible Height	80/42mm & 109/46mm
- 4 Track Depth & Visible Height	115/42mm & 143/42mm
- Single Track Addition Option	Available
Corner Joint	
- Track Joint	45 Degree
- Non Slim All Sash Joint	45 Degree
Glass Range	
- Single Glass Sash	4mm to 6mm
- Double Glass Sash	16mm to 18mm
Roller Weight Capacity (2 Pcs.)	
- Fix Single Roller	45kg / Sash
- Fix Double Roller	65kg / Sash
- Adjustable Double Roller	160kg / Sash
Locking Type	Single & Multipoint



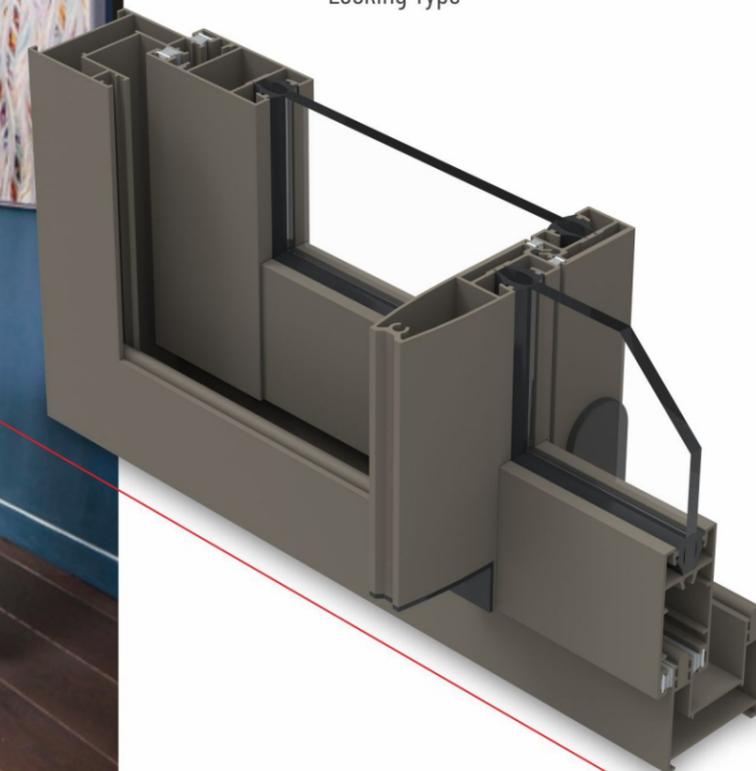
# CS.27.ES

27mm Cardinal Sliding



## TECHNICAL CHARACTERISTICS

Window Height (Max)	2400mm
Sash Height & Width	55mm / 27mm
Interlocking Visible Face Width	
- Slim Interlock	20mm
Track Option & Depth	
- 2 Track Depth	45/42mm & 74/46mm
- 3 Track Depth	80/42mm & 109/46mm
- 4 Track Depth	115/42mm & 143/42mm
- Single Track Addition Option	Available for Mono Track
Corner Joint	
- Track Joint	45 Degree
- Sash Joint	90 Degree
Glass Range	
- Single Glass Sash	4mm to 6mm
- Double Glass Sash	16mm to 18mm
Roller Weight Capacity (2 Pcs.)	
- Fix Single Roller	45kg / Sash
- Fix Double Roller	65kg / Sash
- Adjustable Double Roller	160kg / Sash
Locking Type	Single & Multipoint



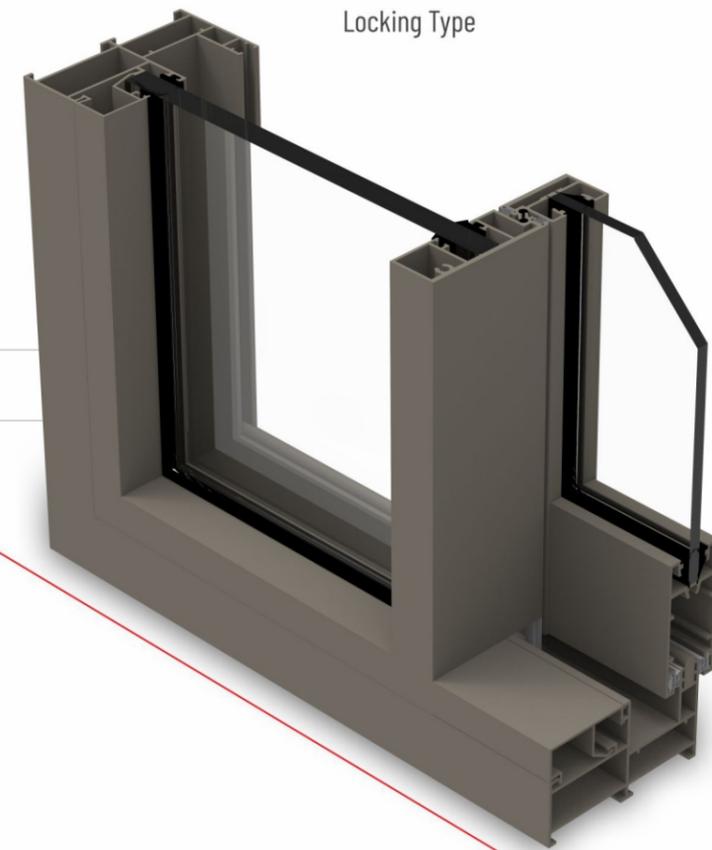
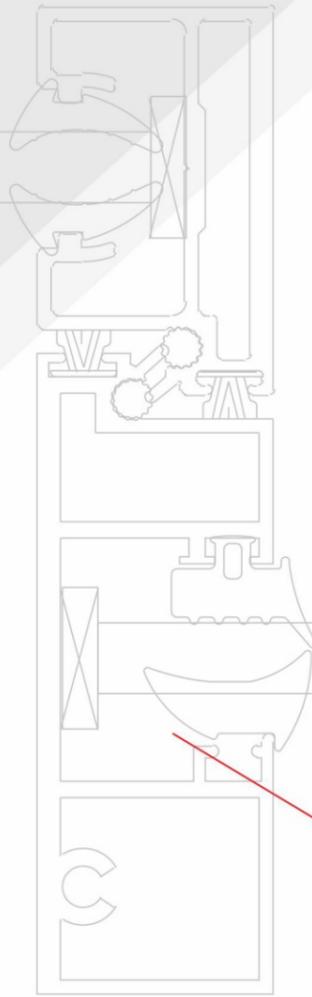
# CS.27.MR

27mm Cardinal Sliding



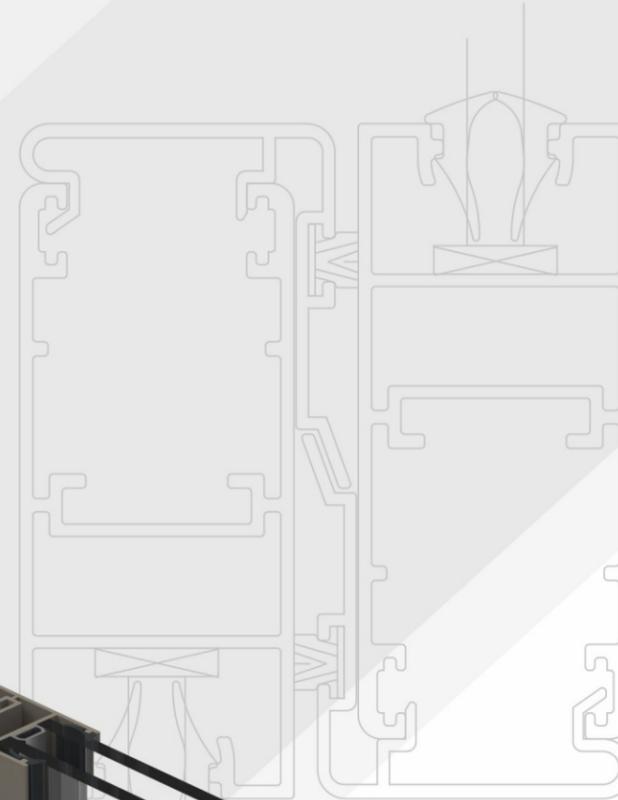
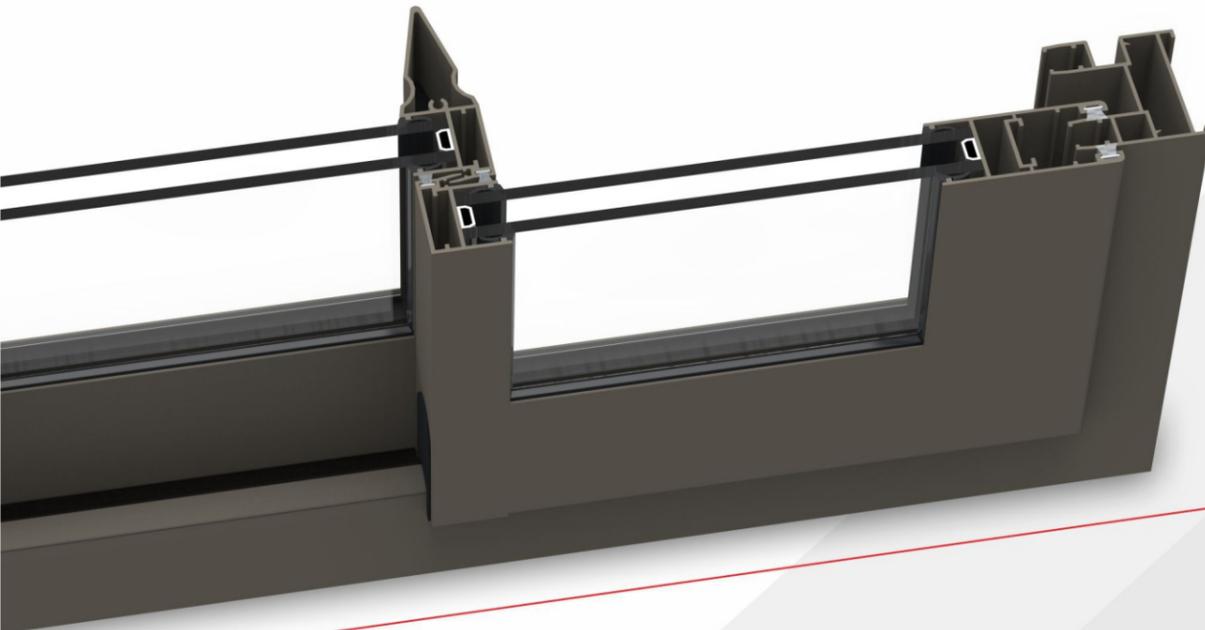
## TECHNICAL CHARACTERISTICS

Window Height (Max)	2400mm
Sash Height & Width	65/27mm or 55mm / 27mm
Interlocking Visible Face Width	
- Non Slim Interlock	65mm
- Slim Interlock	20mm
Track Option & Depth	
- Mono Track Depth & Visible Height	75/42mm
- Single Track Addition Option	Available for Mono Track
Corner Joint	
- Track Joint	45 Degree
- Non Slim All Sash Joint	45 Degree
- Slim Sash Joint	90 Degree
Glass Range	
- Single Glass Sash	4mm to 6mm
Roller Weight Capacity (2 Pcs.)	
- Fix Single Roller	45kg / Sash
- Fix Double Roller	65kg / Sash
- Adjustable Double Roller	160kg / Sash
Locking Type	Single & Multipoint



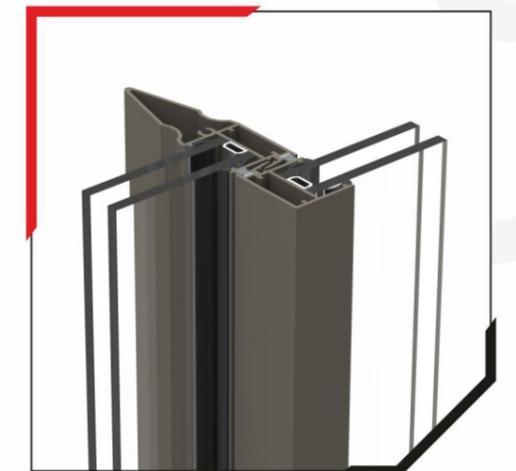
# CS.29

29mm Cardinal Sliding



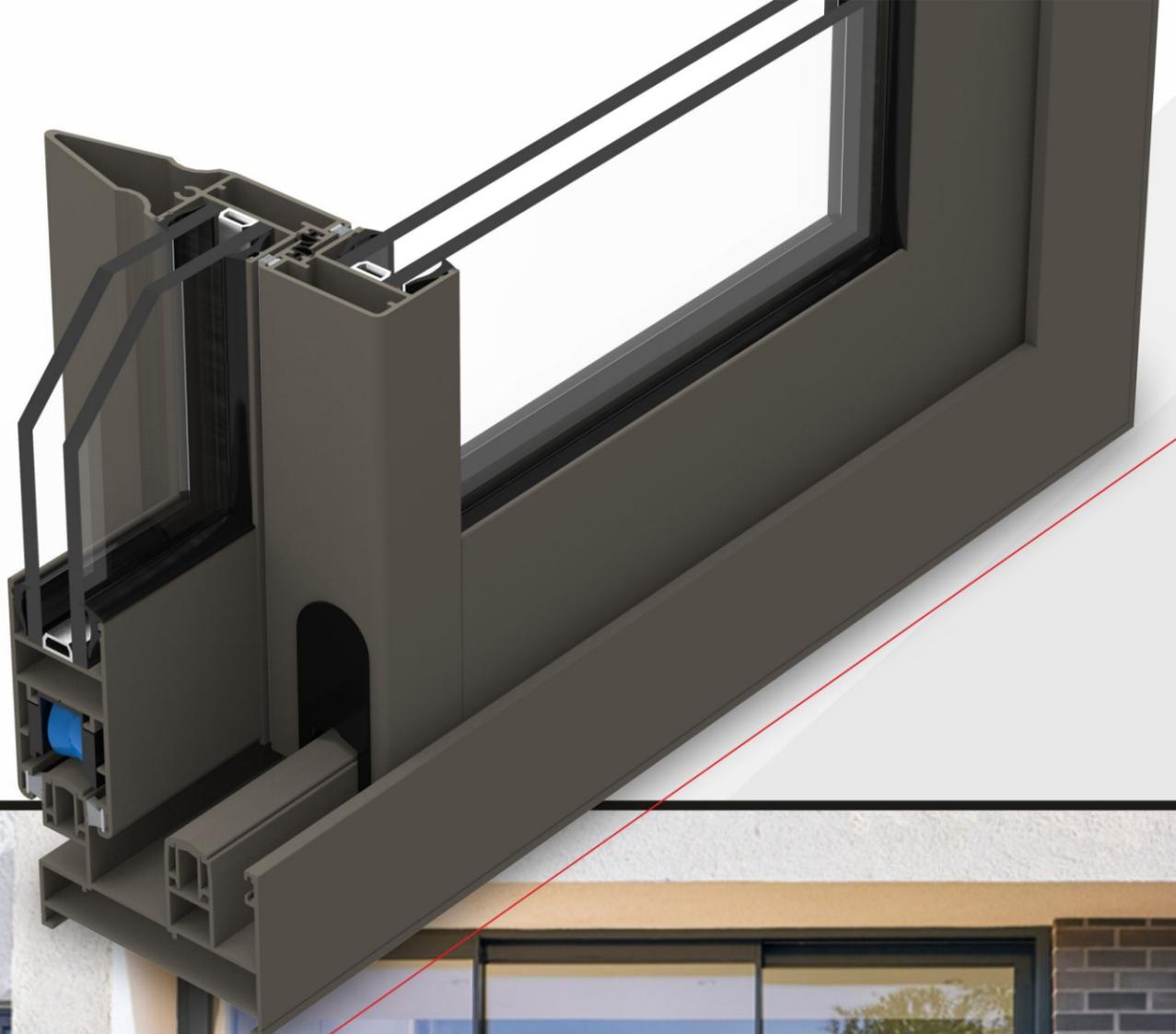
## TECHNICAL CHARACTERISTICS

Window Height (Max)	2400mm
Sash Height & Width	65mm / 29mm
Interlocking Visible Face Width	
- Slim Interlock	28mm
- Non Slim Interlock	65mm
Track Option & Depth	
- 2 Track Depth & Visible Height	50/48mm & 65/50mm & 50/40mm
- 3 Track Depth & Visible Height	85/48mm & 100/50mm & 85/40mm
- 3 Track with Grill Depth & Visible Height	150/43mm
- 4 Track Depth & Visible Height	122/48mm & 150/43mm
- Single Track Addition Option	Available for Outside
Corner Joint	
- Track Joint	45 Degree
- Non Slim All Sash Joint	45 Degree
- Slim Interlock Joint	90 Degree
Glass Range	
- Single Glass Sash	4mm to 6mm
- Double Glass Sash	12-20mm / 4mm to 6mm (with reducer)
Roller Weight Capacity (2 Pcs.)	
- Fix Single Roller	45kg / Sash
- Fix Double Roller	65kg / Sash
- Adjustable Double Roller	160kg / Sash
Locking Type	Single & Multipoint



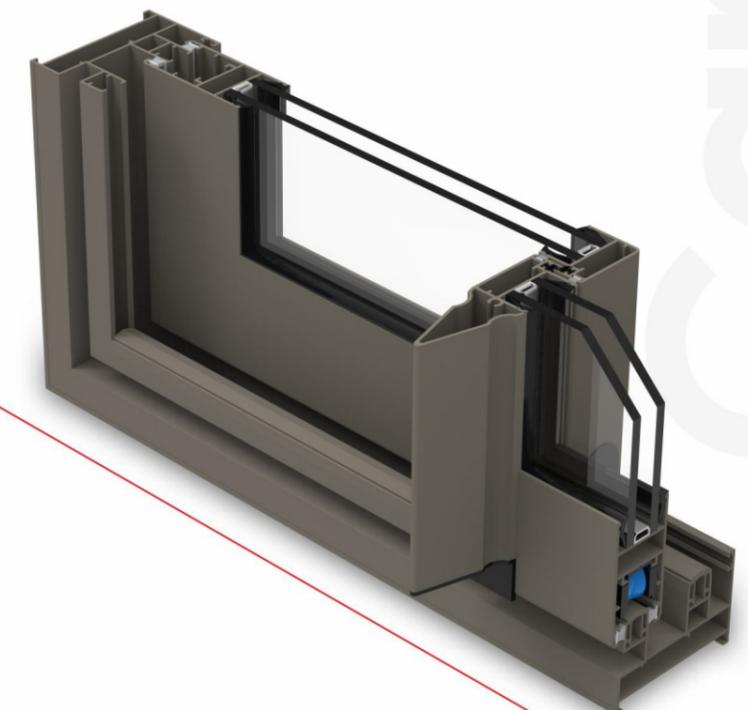
# CS.32

32mm Cardinal Sliding



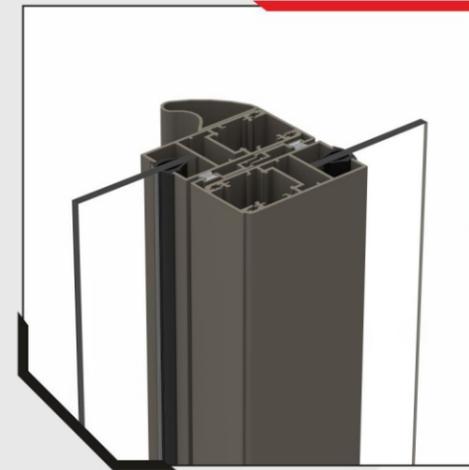
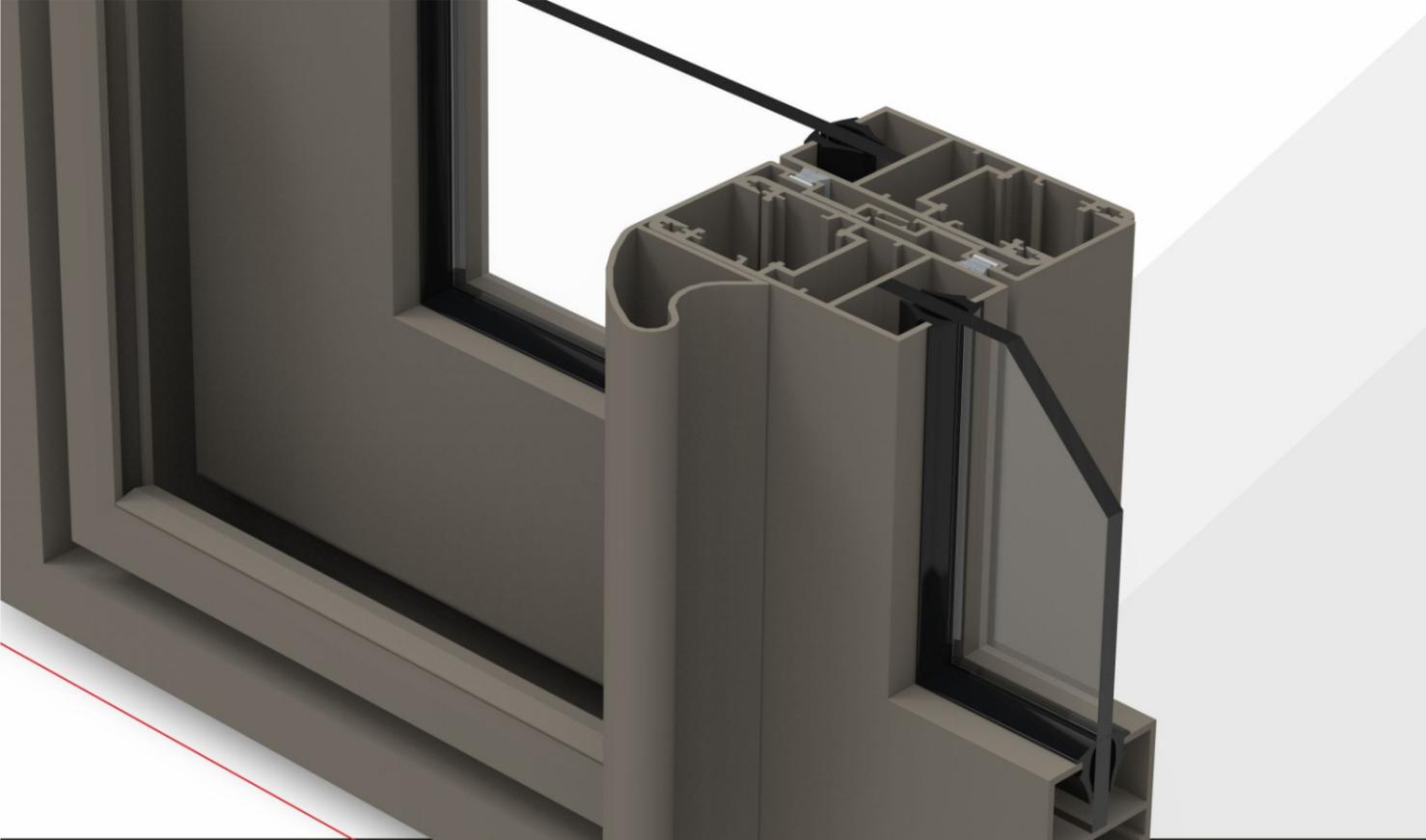
## TECHNICAL CHARACTERISTICS

Window Height (Max)	2700mm
Sash Height & Width	65mm / 32mm
Interlocking Visible Face Width	
- Slim Interlock	30mm
- Non Slim Interlock	65mm
Track Option & Depth	
- 2 Track Depth & Visible Height	74/48mm & 75/50mm
- 3 Track Depth & Visible Height	116/48mm & 115/50mm
- 4 Track Depth & Visible Height	156/50mm
Corner Joint	
- Track Joint	45 Degree
- Non Slim All Sash Joint	45 Degree
- Slim Interlock Joint	90 Degree
Glass Range	
- Single Glass Sash	4mm to 6mm
- Double Glass Sash	18-24mm / 4mm to 6mm (with reducer)
Roller Weight Capacity (2 Pcs.)	
- Adjustable Double Roller	160kg / Sash
Locking Type	Single & Multipoint



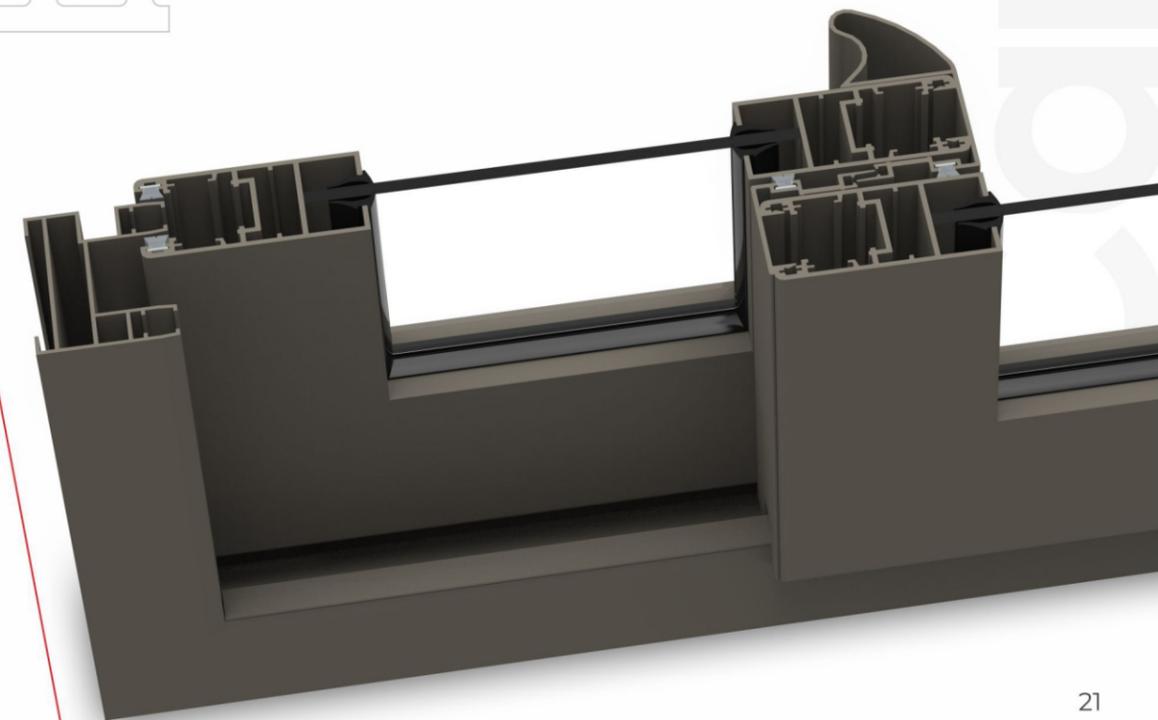
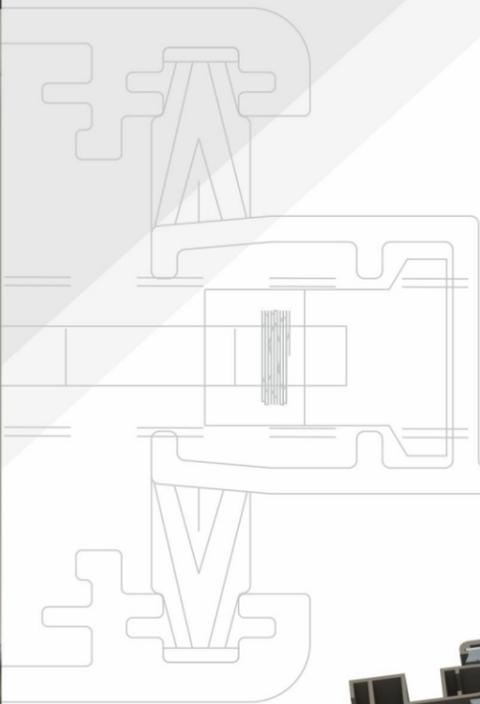
# CS.35

35mm Cardinal Sliding



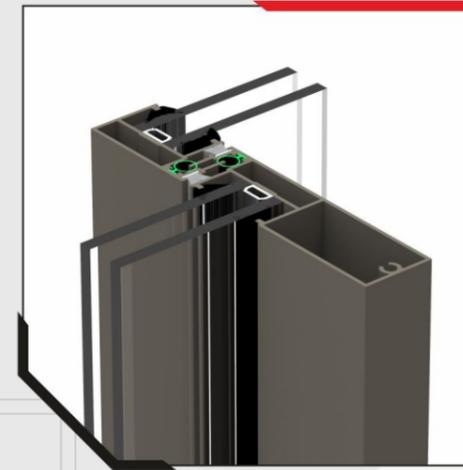
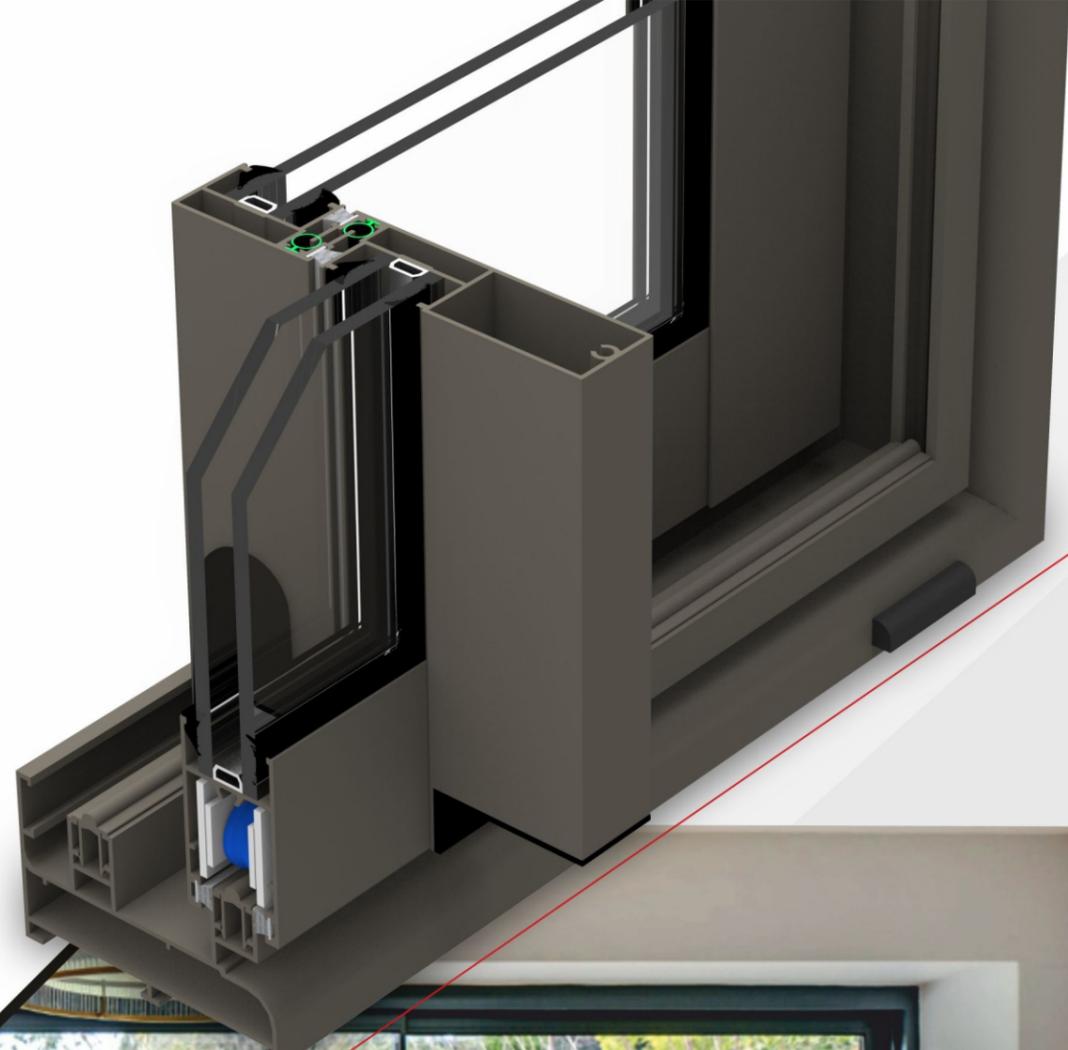
## TECHNICAL CHARACTERISTICS

Window Height (Max)	3000mm
Sash Height & Width	75mm / 35mm
Interlocking Visible Face Width	
- Non Slim Interlock	75mm
Track Option & Depth	
- 2 Track Depth & Visible Height	59/46mm & 85/50mm
- 3 Track Depth & Visible Height	104/46mm & 130/50mm
- 4 Track Depth & Visible Height	150/50mm
Corner Joint	
- Track Joint	45 Degree
- Sash Joint	45 Degree
Glass Range	
- Single Glass Sash	4mm to 8mm
- Double Glass Sash	18-24mm
Roller Weight Capacity (2 Pcs.)	
- Adjustable Double Roller	160kg / Sash
- Adjustable Double Roller	200kg / Sash
Locking Type	Single & Multipoint



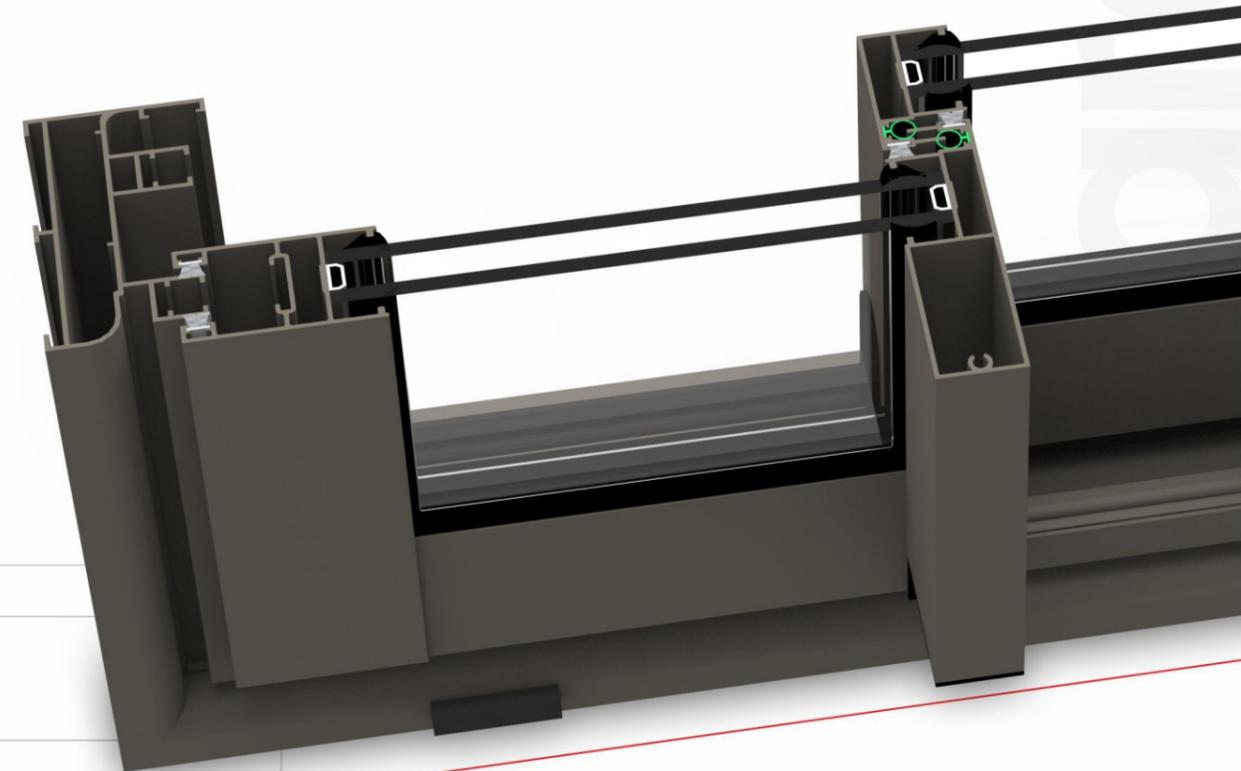
# CS.35.ES

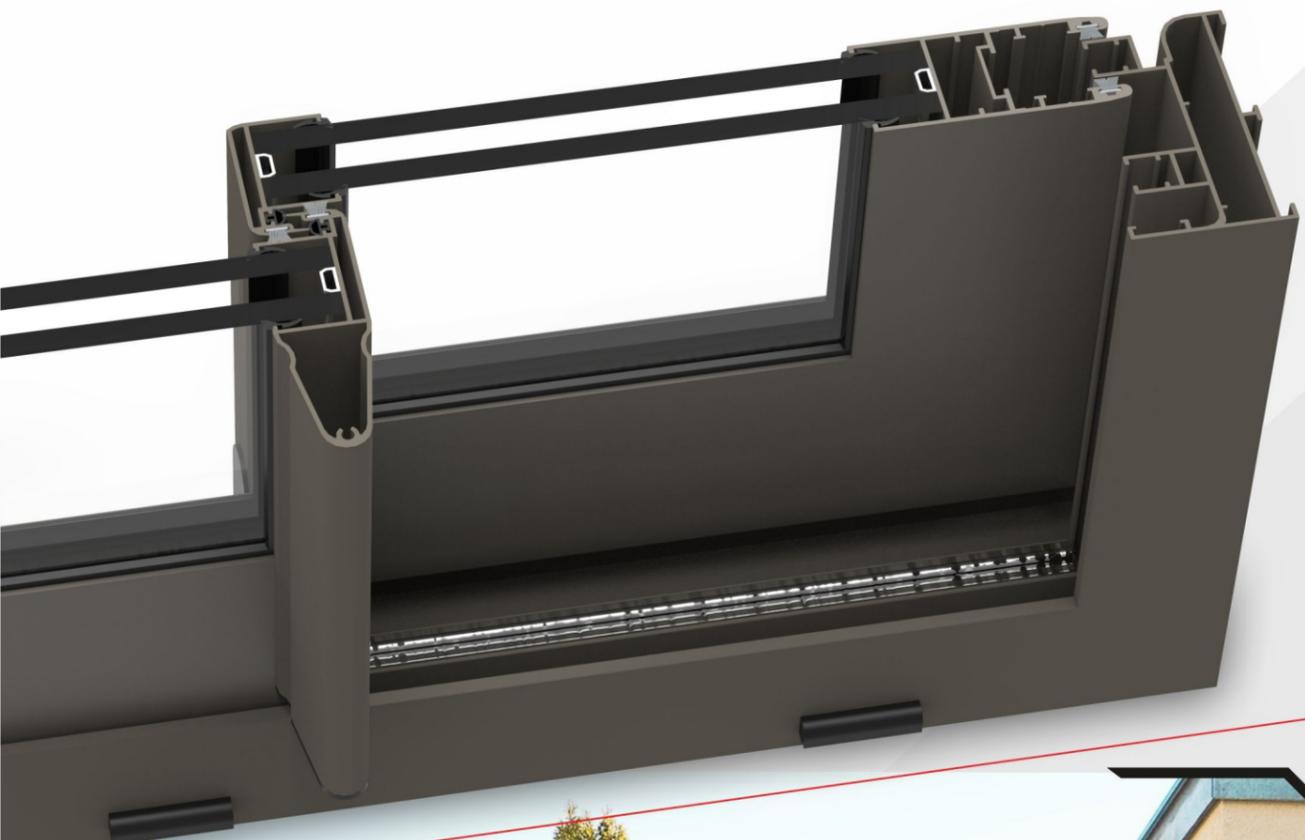
35mm Cardinal Sliding



## TECHNICAL CHARACTERISTICS

Window Height (Max)	3100mm
Sash Height & Width	59mm / 35mm
Interlocking Visible Face Width	
- Slim Interlock	27mm
Track Option & Depth	
- 2 Track Depth	90/53mm
- 3 Track Depth	140/53mm
Corner Joint	
- Track Joint	45 Degree
- Sash Joint	90 Degree
Glass Range	
- Single Glass Sash	6mm to 13.5mm
- Double Glass Sash	18mm to 24mm
Roller Weight Capacity (2 Pcs.)	
- Adjustable Double Roller	160kg / Sash
- Adjustable Double Roller	200kg / Sash
Locking Type	Single & Multipoint





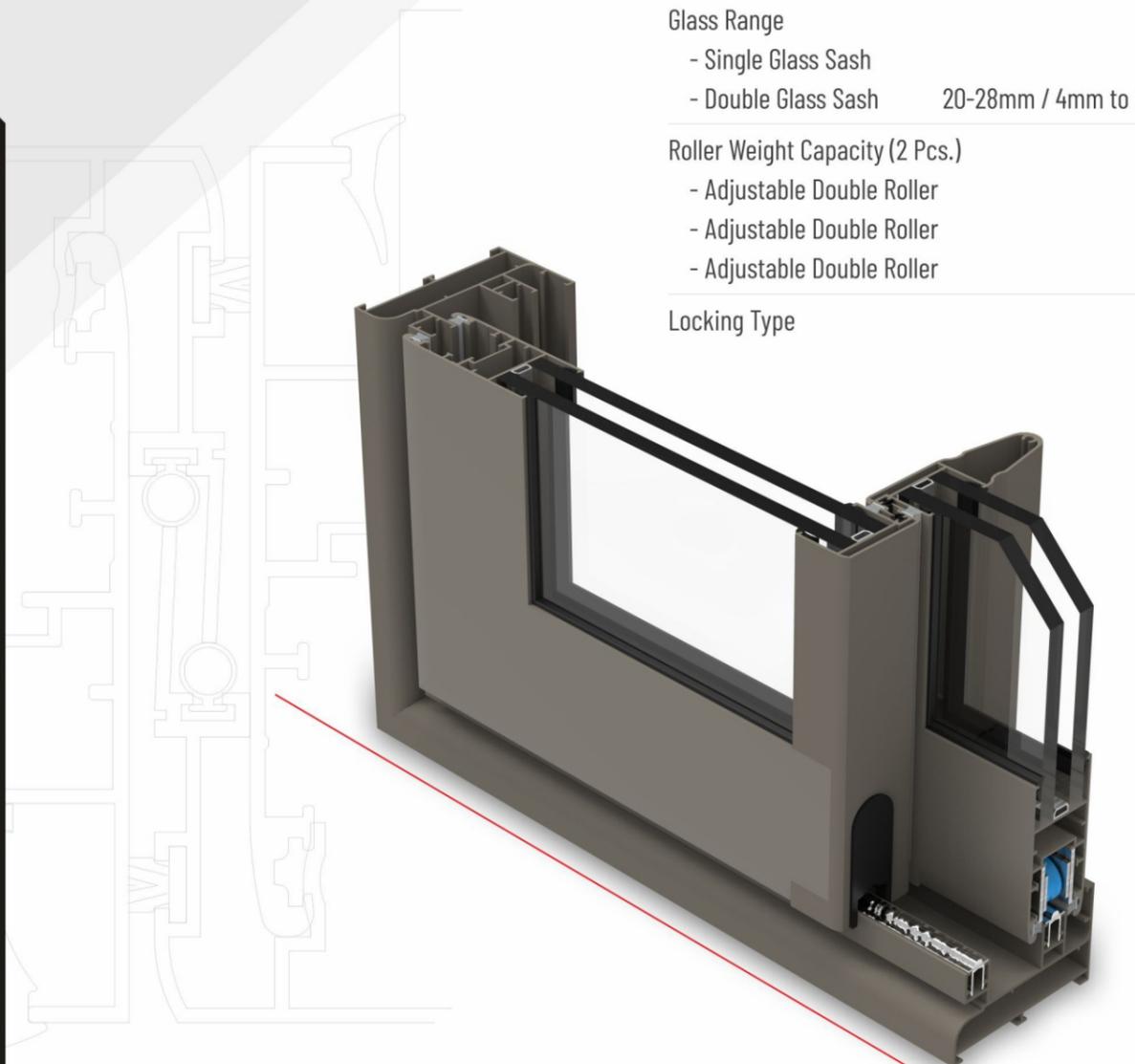
# CS.37

37mm Cardinal Sliding



## TECHNICAL CHARACTERISTICS

Window Height (Max)	3100mm
Sash Height & Width	83mm / 37mm
Interlocking Visible Face Width	
- Slim Interlock	30mm
- Non Slim Interlock	83 & 67mm
Track Option & Depth	
- 2 Track Depth & Visible Height	90/53mm
- 3 Track Depth & Visible Height	140/53mm
Corner Joint	
- Track Joint	45 Degree
- Non Slim All Sash Joint	45 Degree
- Slim Interlock Joint	90 Degree
Glass Range	
- Single Glass Sash	6mm to 12mm
- Double Glass Sash	20-28mm / 4mm to 6mm (with reducer)
Roller Weight Capacity (2 Pcs.)	
- Adjustable Double Roller	160kg / Sash
- Adjustable Double Roller	200kg / Sash
- Adjustable Double Roller	300kg / Sash
Locking Type	Single & Multipoint



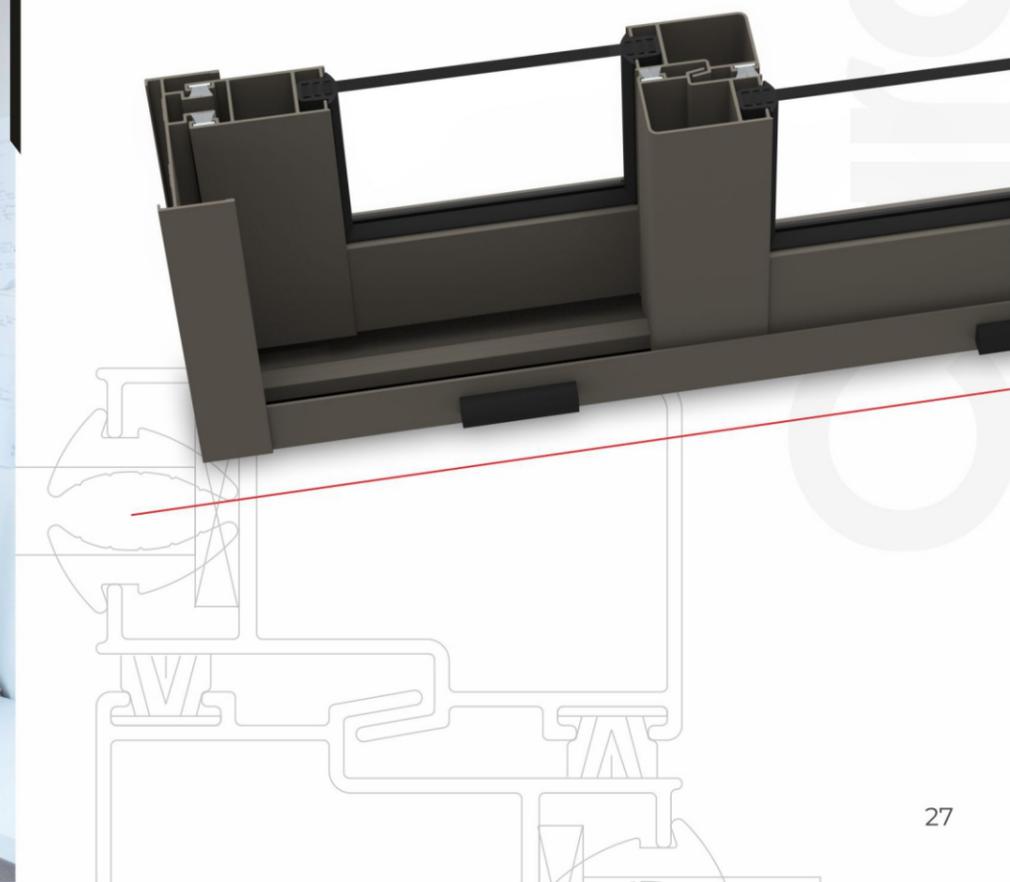
# COS.20

20mm Opulence Sliding



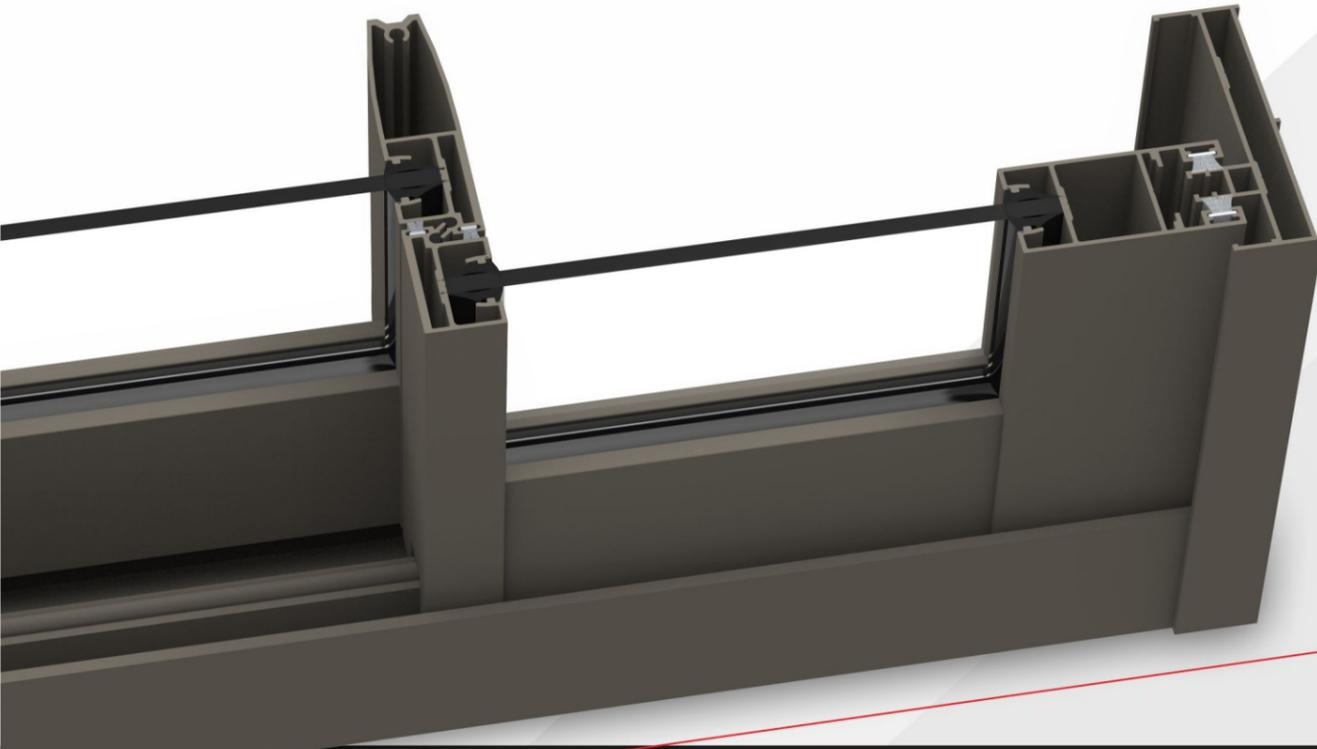
## TECHNICAL CHARACTERISTICS

Window Height (Max)	1530mm
Sash Height & Width	45mm / 20mm
Interlocking Visible Face Width	
- Non Slim Interlock	40mm
Track Option & Depth	
- 2 Track Depth	53mm / 56mm
- 3 Track Depth	82mm / 84mm
Corner Joint	
- Track Joint	90 Degree
- Sash Joint	90 Degree
Glass Range	
- Single Glass Sash	4mm to 6mm
Roller Weight Capacity (2 Pcs.)	65kg / Sash
Locking Type	Single Point Lock



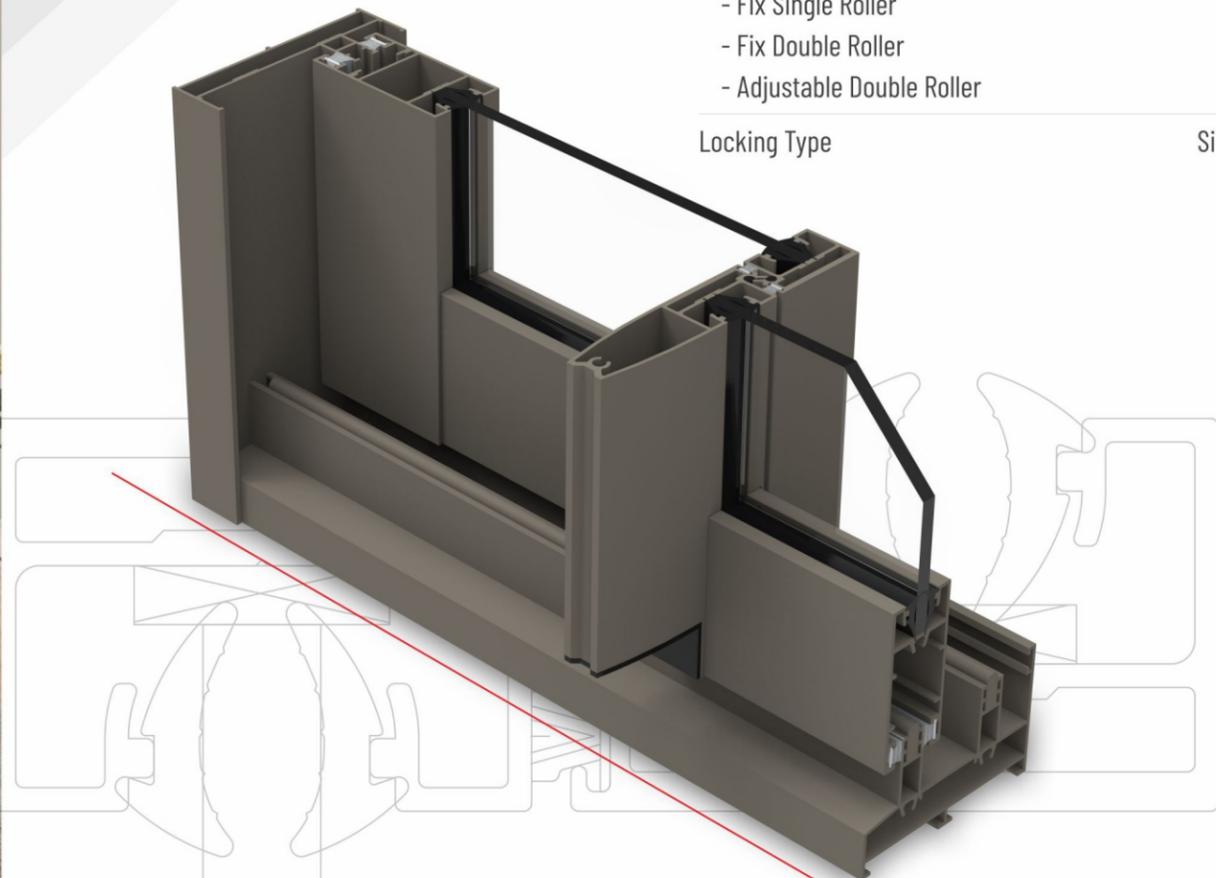
# COS.28

28mm Opulence Sliding



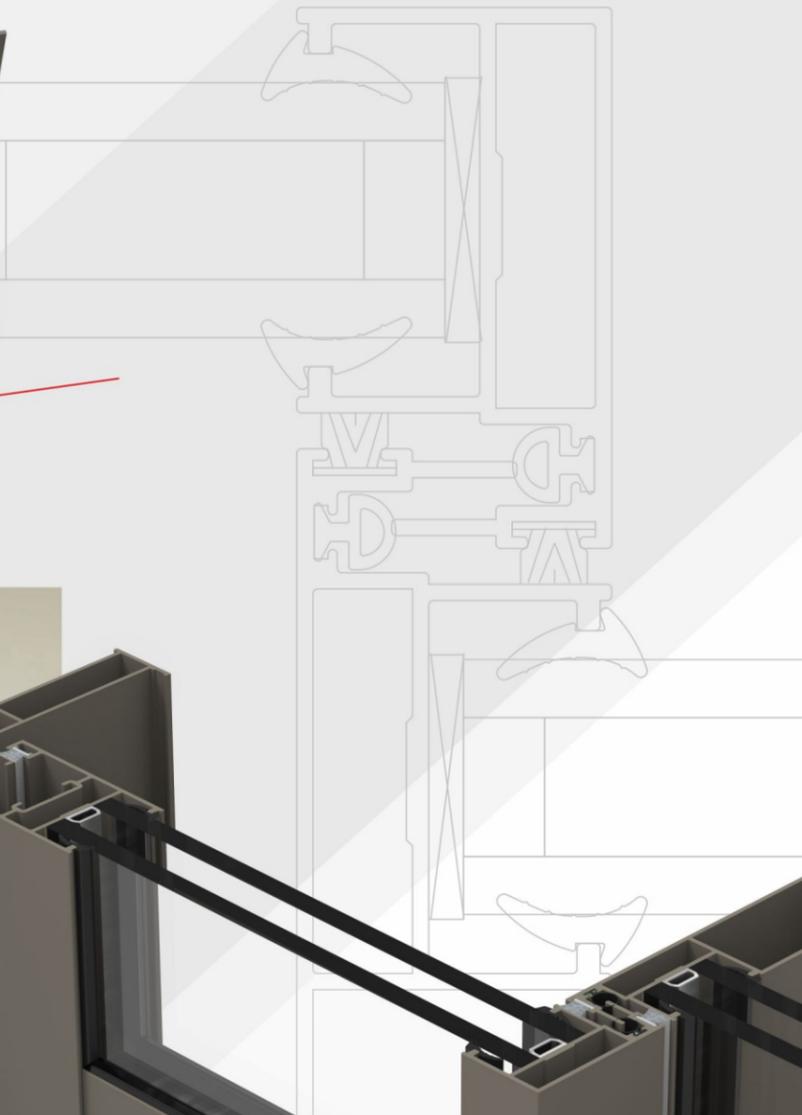
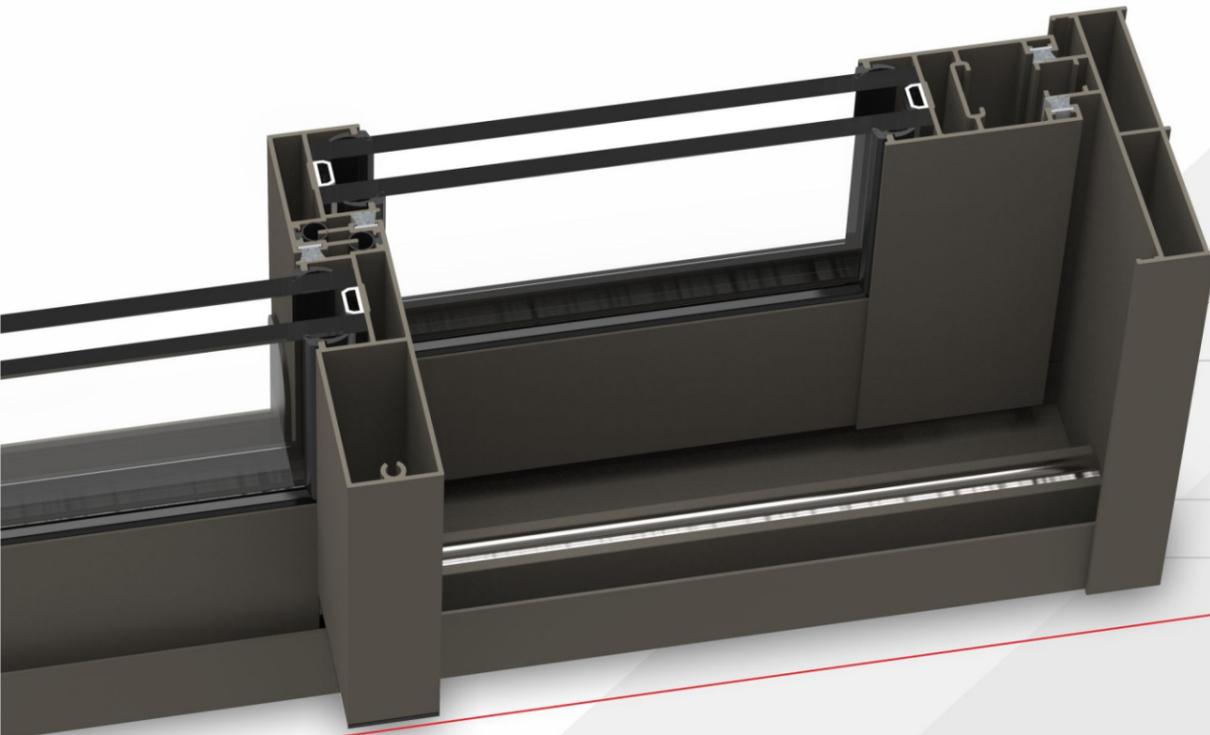
## TECHNICAL CHARACTERISTICS

Window Height (Max)	2400mm
Sash Height & Width	55mm / 28mm
Interlocking Visible Face Width	
- Slim Interlock	20mm
- Non Slim Interlock	55mm
Track Option & Depth	
- 2 Track Depth	74mm (Top/Bottom) / 78mm ( Vertical)
- 3 Track Depth	109mm (Top/Bottom) / 113mm ( Vertical)
- 4 Track Depth	143mm (Top/Bottom) / 148mm ( Vertical)
- Single Track Addition Option	Available for Mono Track
Corner Joint	
- Track Joint	90 Degree
- Sash Joint	90 Degree
Glass Range	
- Single Glass Sash	4mm to 6mm
- Double Glass Sash	16mm to 18mm
Roller Weight Capacity (2 Pcs.)	
- Fix Single Roller	45kg / Sash
- Fix Double Roller	65kg / Sash
- Adjustable Double Roller	160kg / Sash
Locking Type	Single & Multipoint



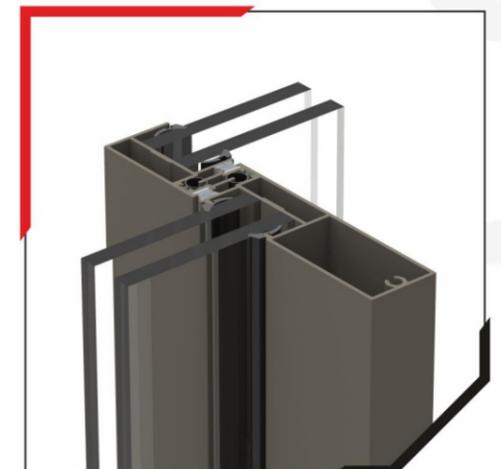
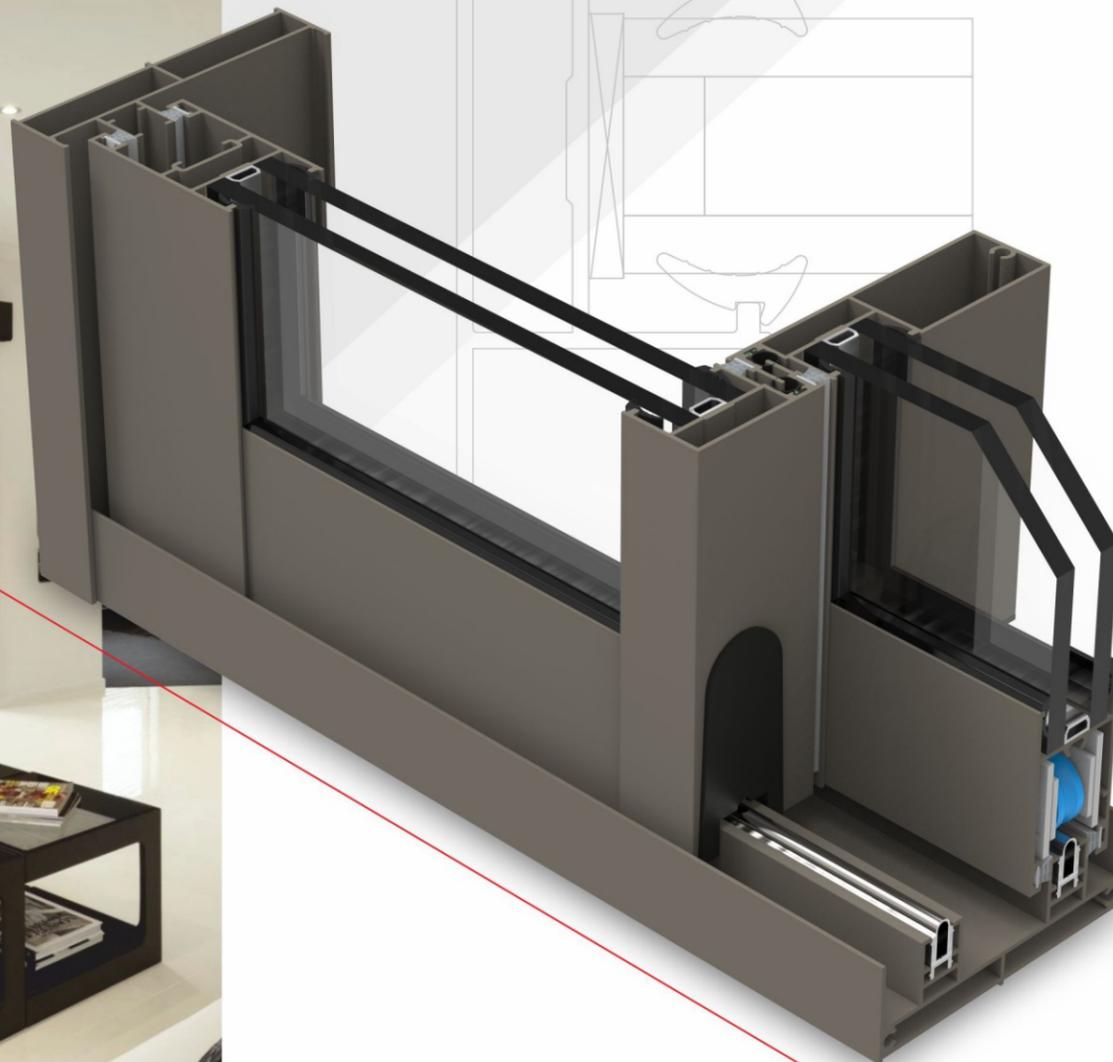
# COS.35

35mm Opulence Sliding



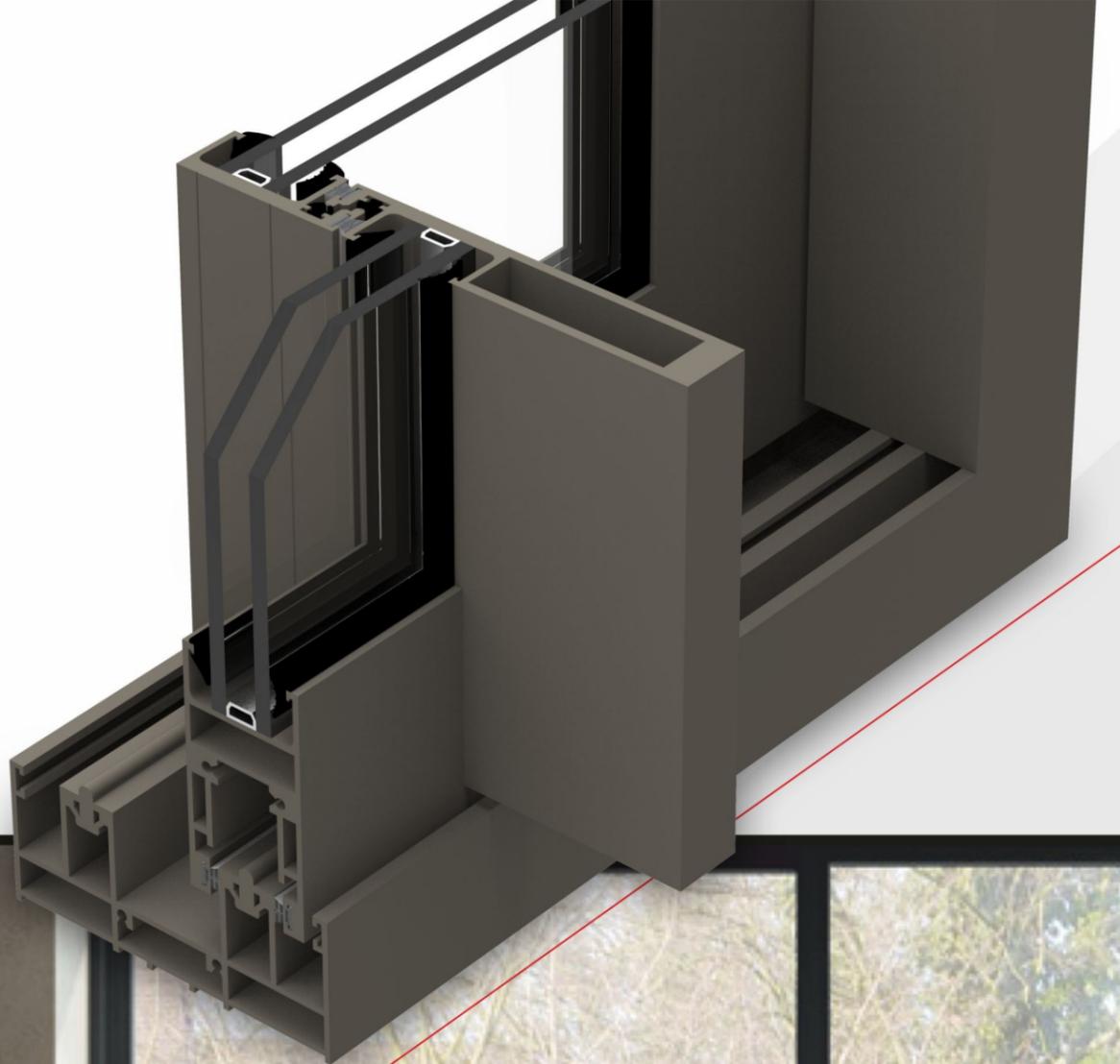
## TECHNICAL CHARACTERISTICS

Window Height (Max)	3100mm
Sash Height & Width	59mm / 35mm
Interlocking Visible Face Width	
- Slim Interlock	27mm
Track Option & Depth	
- Mono Track Depth & Visible Height	96/45mm
- 2 Track Depth	95mm (Top/Bottom) / 100mm ( Vertical)
- 3 Track Depth	143mm (Top/Bottom) / 150mm ( Vertical)
Corner Joint	
- Track Joint	90 Degree
- Sash Joint	90 Degree
Glass Range	
- Single Glass Sash	6mm to 13.5mm
- Double Glass Sash	18mm to 24mm
Roller Weight Capacity (2 Pcs.)	
- Adjustable Double Roller	160kg / Sash
- Adjustable Double Roller	200kg / Sash
Locking Type	Single & Multipoint



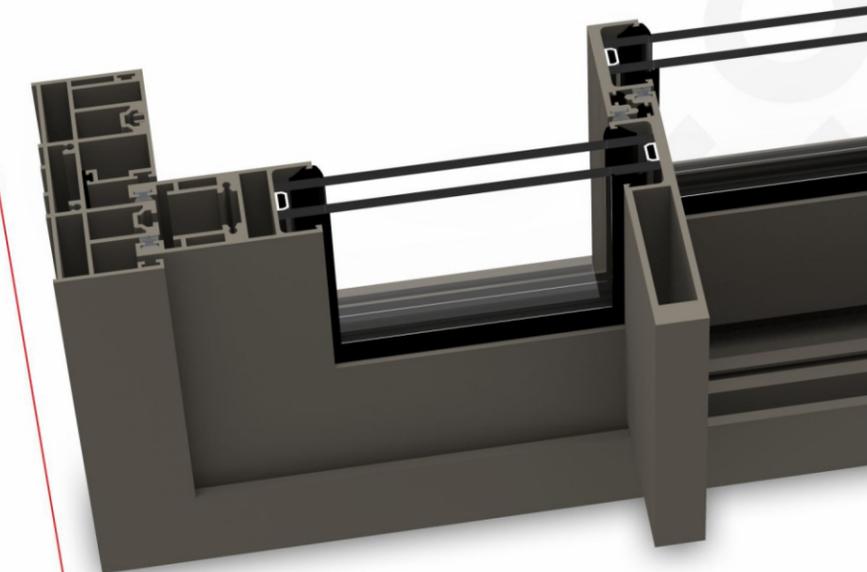
# COS.39

39mm Opulence Sliding



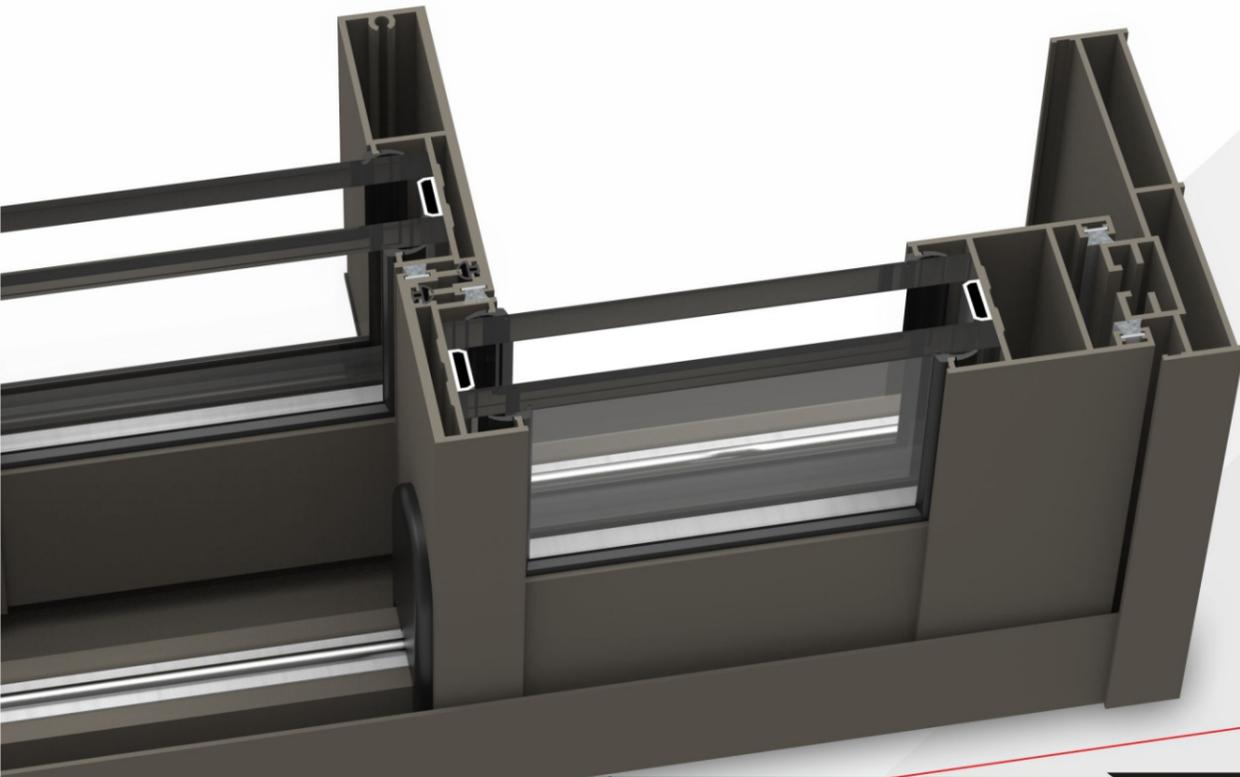
## TECHNICAL CHARACTERISTICS

Window Height (Max)	3350mm
Sash Height & Width	76mm / 39mm
Interlocking Visible Face Width	
- Slim Interlock	22mm
- Non Slim Interlock	76mm
Track Option & Depth	
- 2 Track Top/Bottom Depth & Visible Height	111mm x 45mm
- 2 Track Vertical Depth & Visible Height	111mm x 23mm
- 3 Track Top/Bottom Depth & Visible Height	167mm x 45mm
- 3 Track Vertical Depth & Visible Height	167mm x 23mm
Corner Joint	
- Track Joint	45 / 90 Degree
- Non Slim Sash Joint	45 Degree
- Slim Interlock Joint	90 Degree
Glass Range	
- Double Glass Sash	24-28mm / 11.5mm to 13.5mm (with reducer)
Roller Weight Capacity (2 Pcs.)	
- Double Roller	200kg - 400kg
Locking Type	
- Lift & Slide Locking	Multipoint
- BT Lock Locking	Multipoint (Top & Bottom Track Locking)



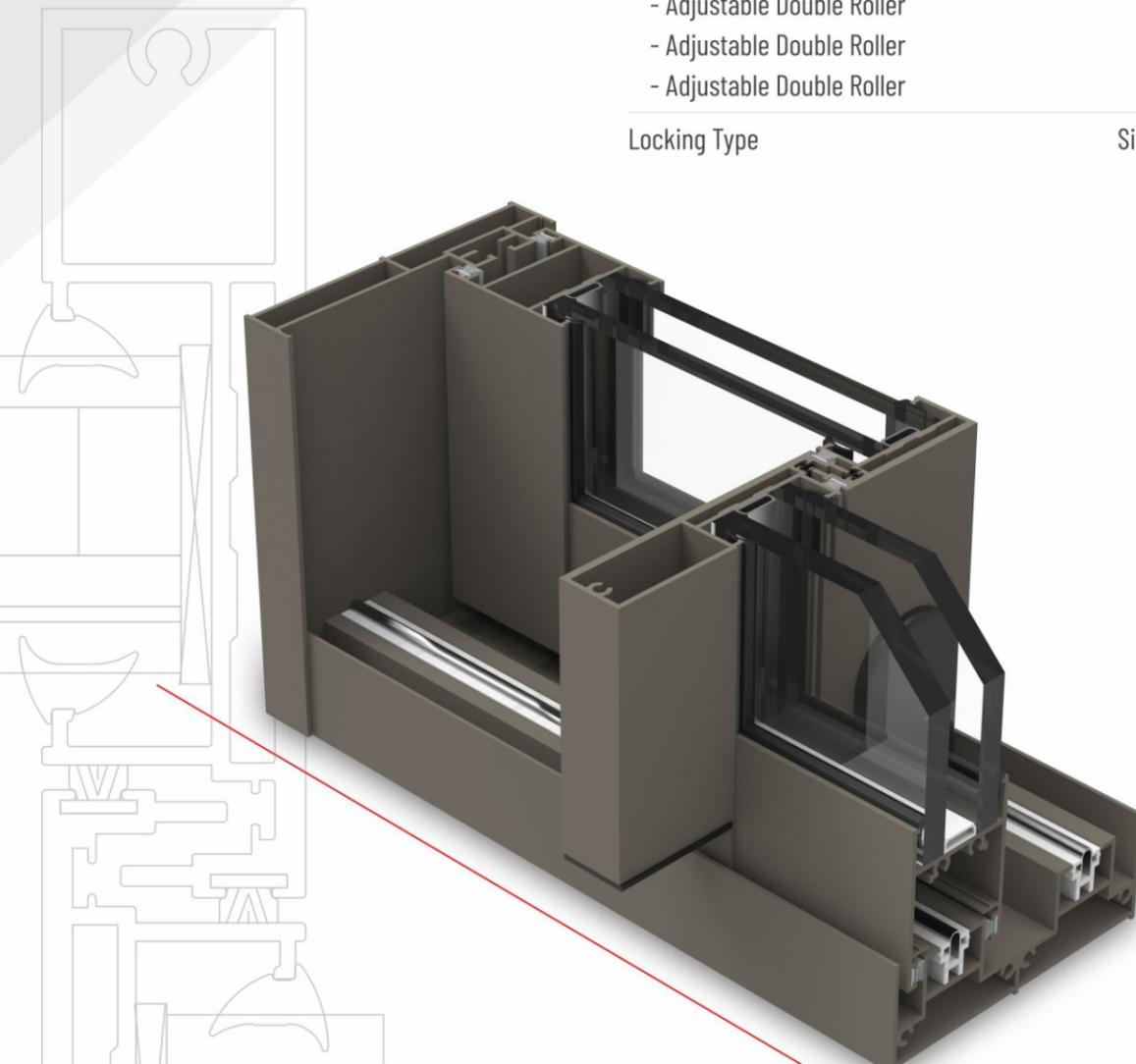
# COS.49

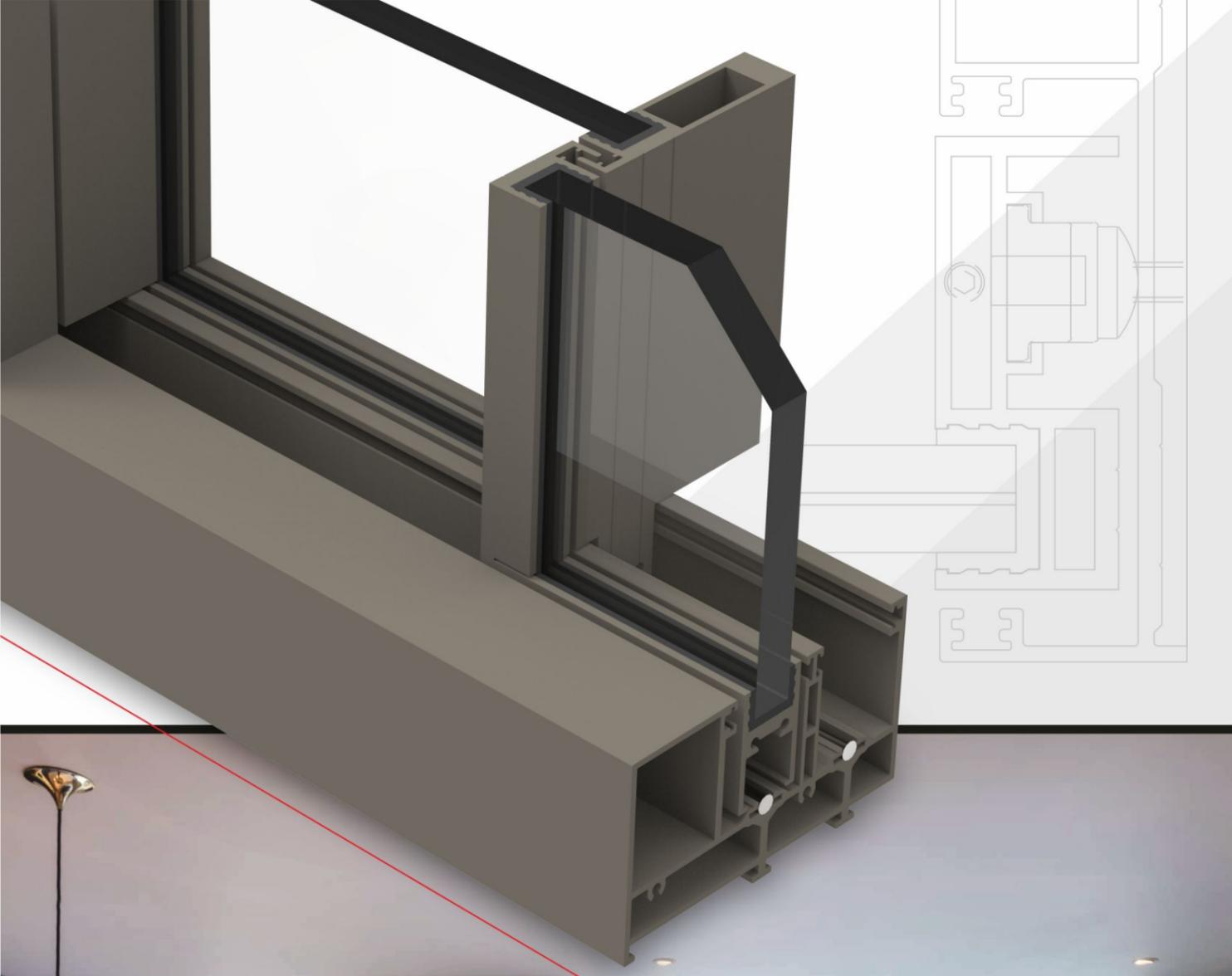
49mm Opulence Sliding



## TECHNICAL CHARACTERISTICS

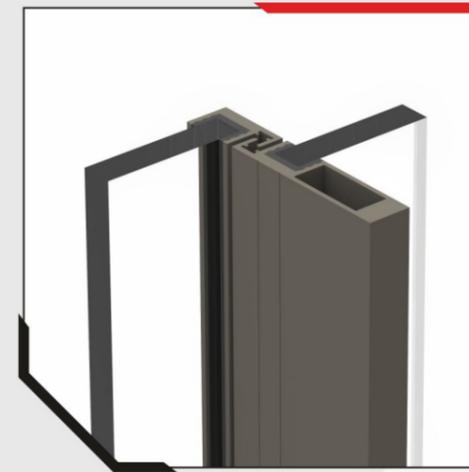
Window Height (Max)	3650mm
Sash Height & Width	58mm & 67mm / 49mm
Interlocking Visible Face Width	
- Slim Interlock	25mm
Track Option & Depth	
- 2 Track	120mm (Top/Bottom) / 125mm (Vertical)
- 3 Track	187mm (Top/Bottom) / 191mm (Vertical)
Corner Joint	
- Track Joint	90 Degree
- Slim Interlock Joint	90 Degree
Glass Range	
- Double Glass Sash	26-36mm / 11mm to 18mm (with reducer)
Roller Weight Capacity (2 Pcs.)	
- Adjustable Double Roller	160kg / Sash
- Adjustable Double Roller	200kg / Sash
- Adjustable Double Roller	300kg / Sash
Locking Type	Single & Multipoint





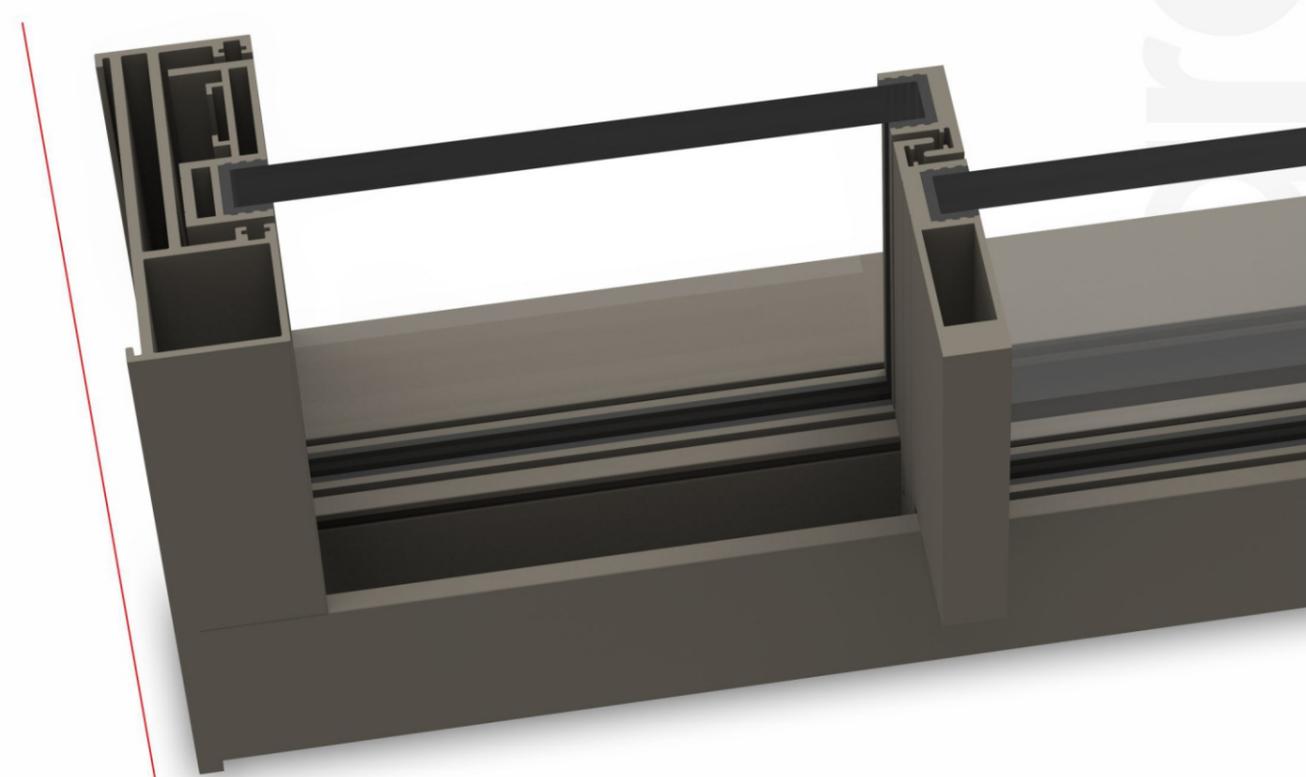
# CES.23

23mm Excellence Sliding



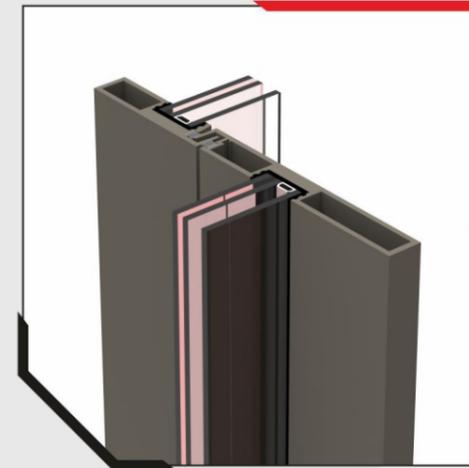
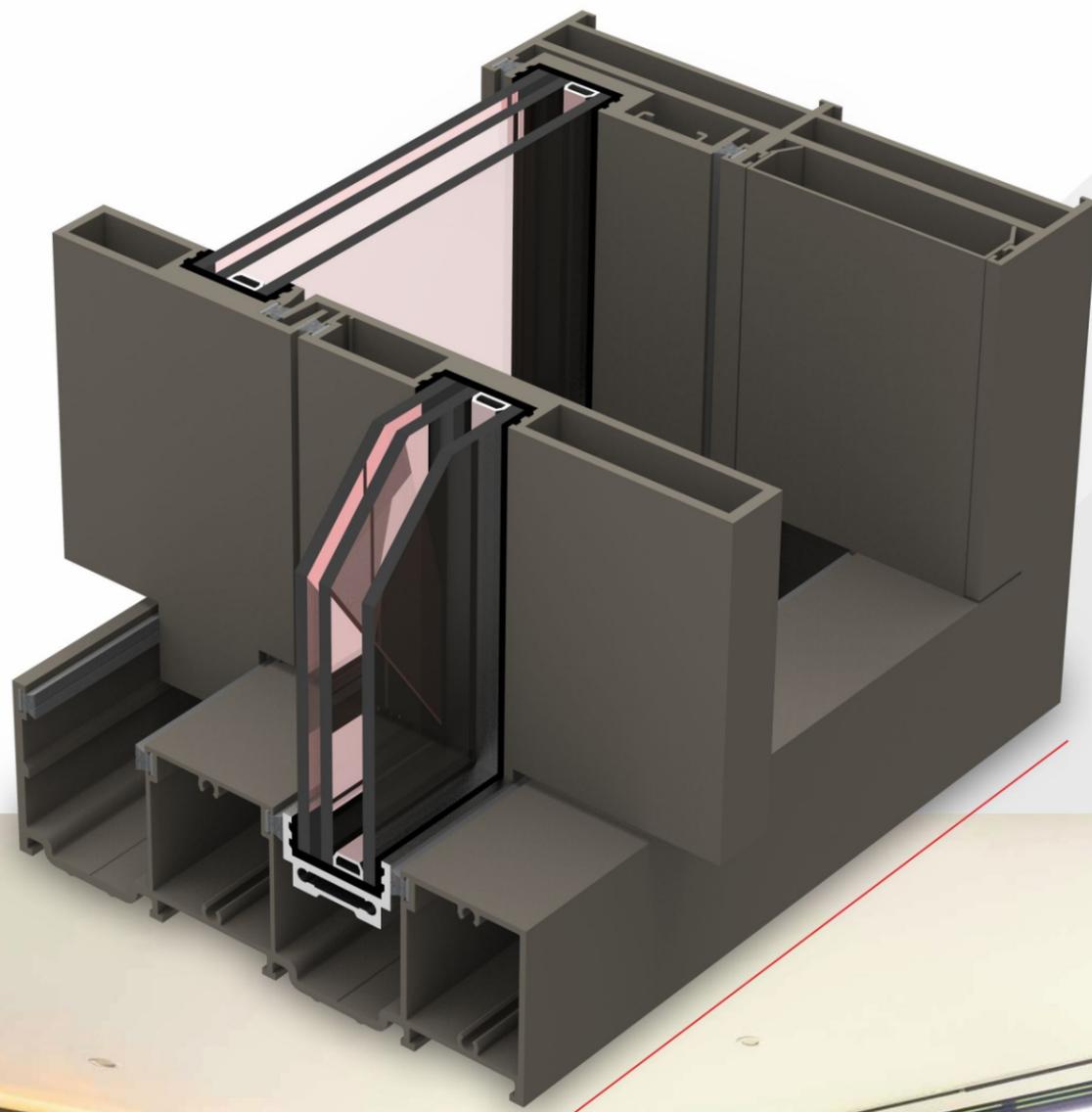
## TECHNICAL CHARACTERISTICS

Window Height (Max)	3000mm
Visible Face Height	
- Top/Bottom Track with Shutter	65mm
- Vertical Track with Shutter	42mm
- Slim Interlock	18mm
Track Option & Depth	
- 2 Track Top/Bottom Depth & Visible Height	110mm x 65mm
- 2 Track Vertical Depth & Visible Height	110mm x 42mm
- 3 Track Top/Bottom Depth & Visible Height	150mm x 65mm
- 3 Track Vertical Depth & Visible Height	150mm x 42mm
Corner Joint	
- Track Joint	90 Degree
- Sash Joint	90 Degree
Glass Range	13.5mm
Roller Weight Capacity (2 Pcs.)	
- Double Fix Roller in Shutter	200kg - 400kg
Locking Type	Euro Groove Multipoint



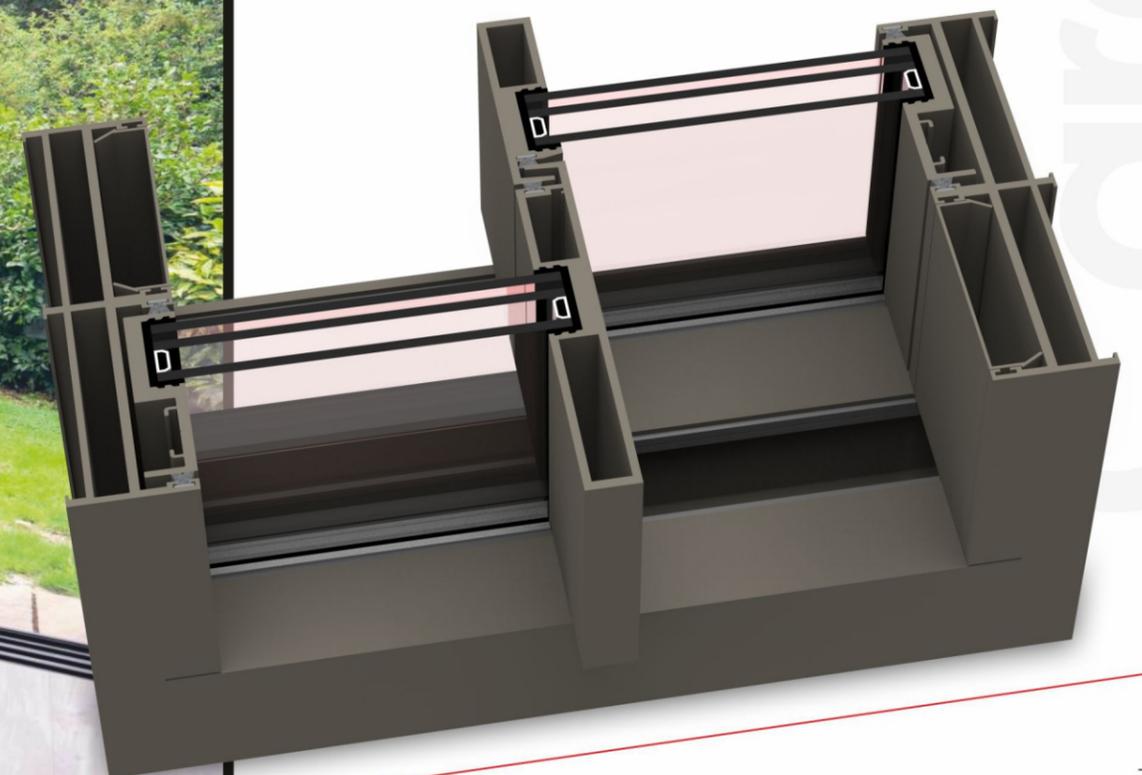
# CES.36

36mm Excellence Sliding



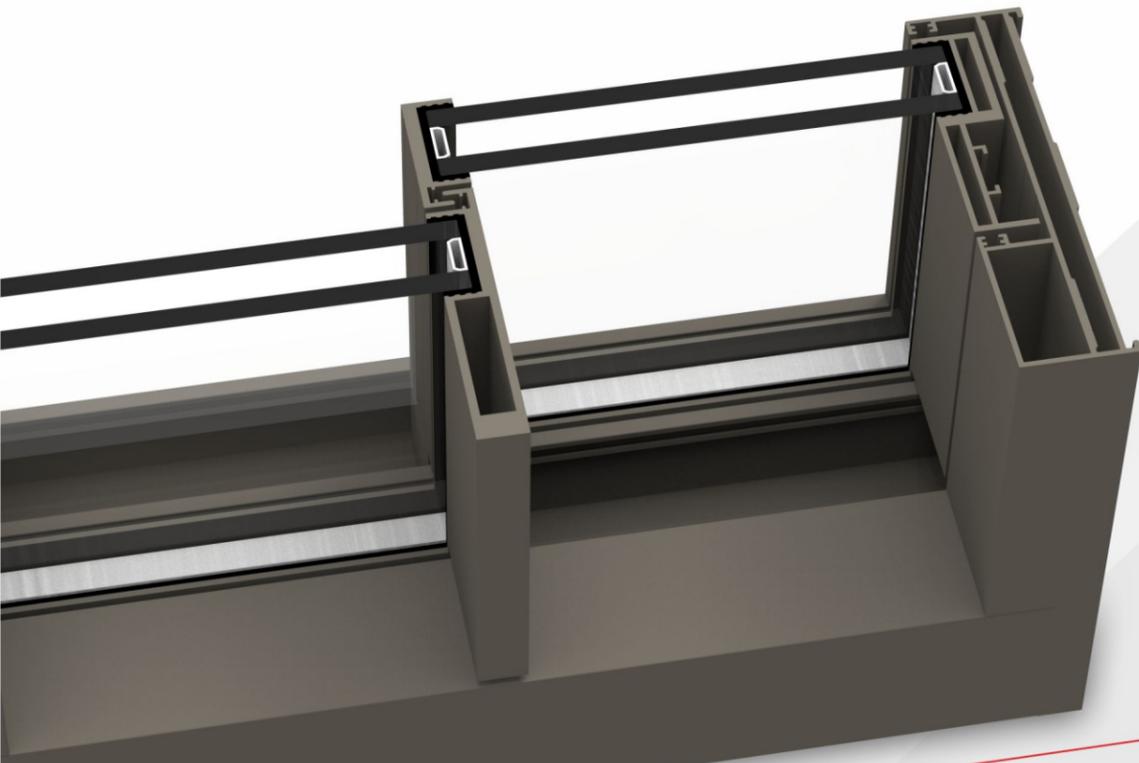
## TECHNICAL CHARACTERISTICS

Window Height (Max)	3500mm
Visible Face Height	
- Top/Bottom Track with Shutter	55mm
- Vertical Track with Shutter	45mm
- Slim Interlock	20mm
Track Option & Depth	
- 2 Track Top/Bottom Depth & Visible Height	175mm x 55mm
- 2 Track Vertical Depth & Visible Height	175mm x 45mm
- 3 Track Top/Bottom Depth & Visible Height	262mm x 55mm
- 3 Track Vertical Depth & Visible Height	262mm x 45mm
Corner Joint	
- Track Joint	90 Degree
- Sash Joint	90 Degree
Glass Range	26mm
Roller Weight Capacity (2 Pcs.)	
- Double Fix Roller in Shutter	200kg - 400kg
Locking Type	Euro Groove Multipoint



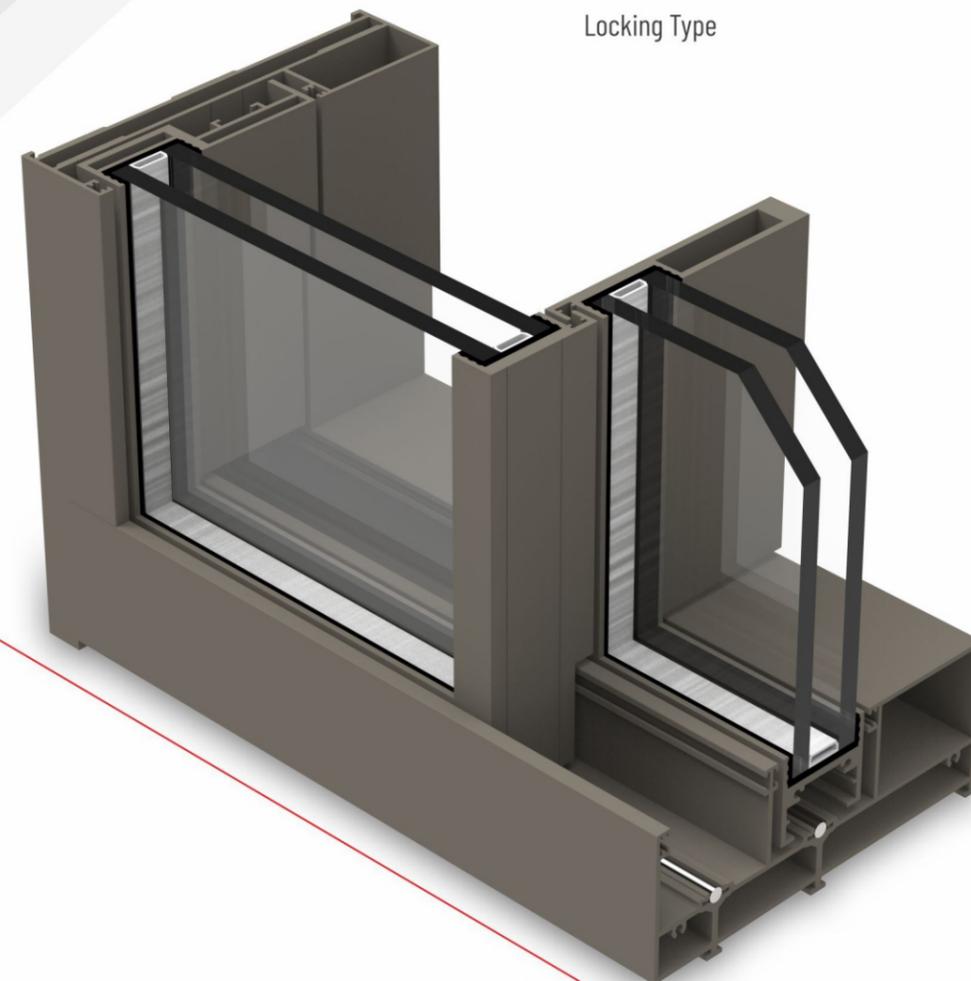
# CES.41

41mm Excellence Sliding



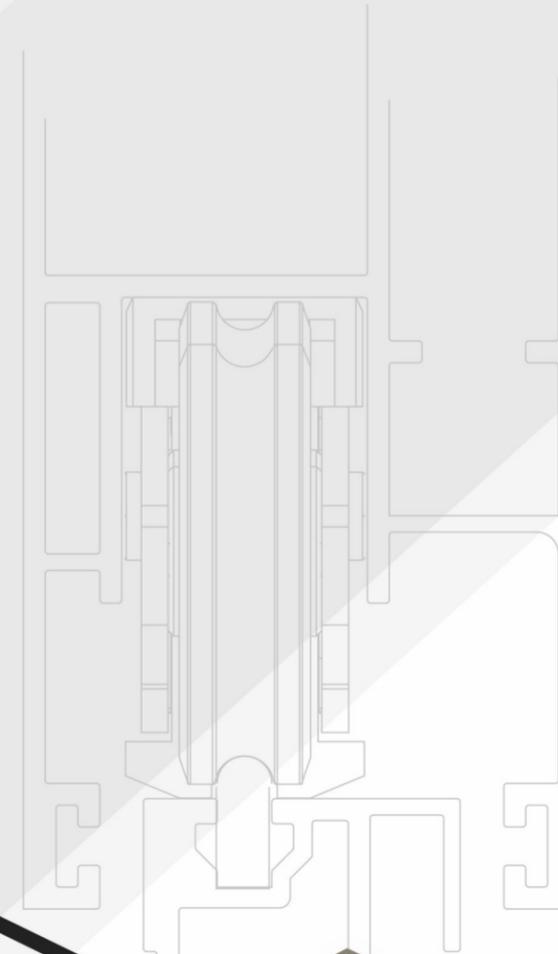
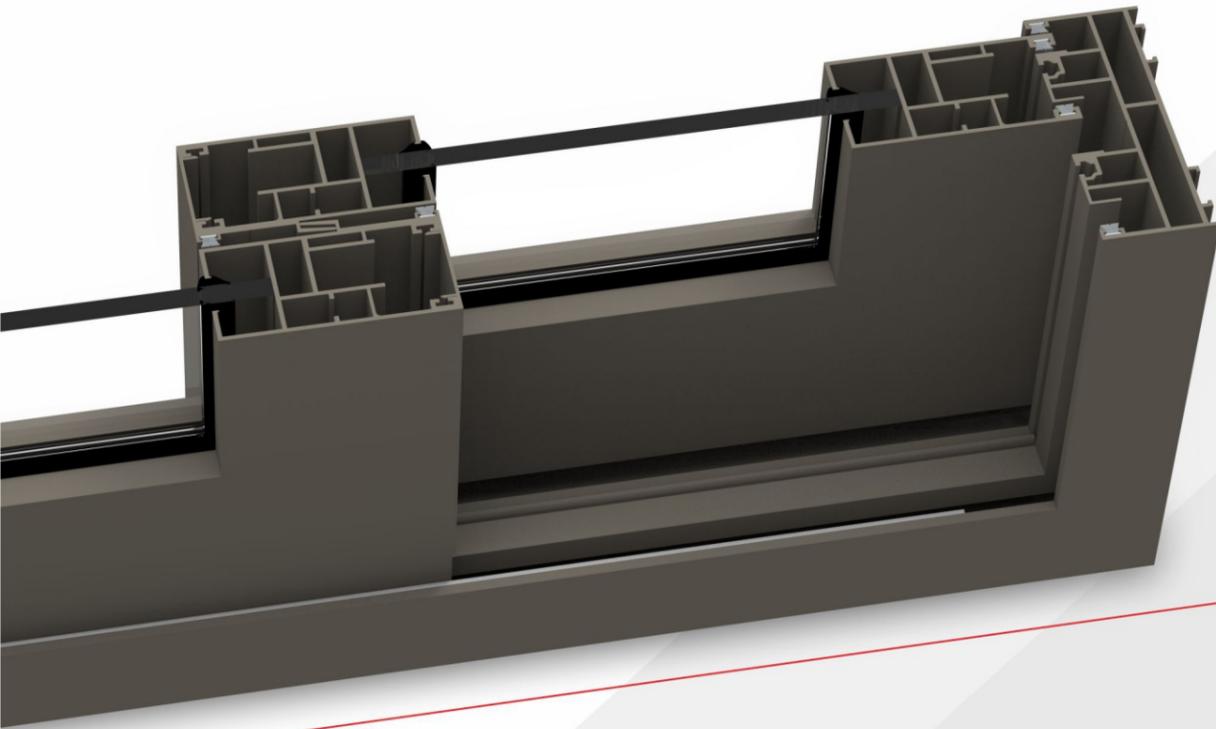
## TECHNICAL CHARACTERISTICS

Window Height (Max)	3500mm
Visible Face Height	
- Top/Bottom Track with Shutter	65mm
- Vertical Track with Shutter	42mm
- Slim Interlock	18mm
Track Option & Depth	
- 2 Track Top/Bottom Depth & Visible Height	175mm x 65mm
- 2 Track Vertical Depth & Visible Height	175mm x 42mm
- 3 Track Top/Bottom Depth & Visible Height	262mm x 65mm
- 3 Track Vertical Depth & Visible Height	262mm x 42mm
Corner Joint	
- Track Joint	90 Degree
- Sash Joint	90 Degree
Glass Range	31mm
Roller Weight Capacity (2 Pcs.)	
- Double Fix Roller in Shutter	200kg - 400kg
Locking Type	Euro Groove Multipoint



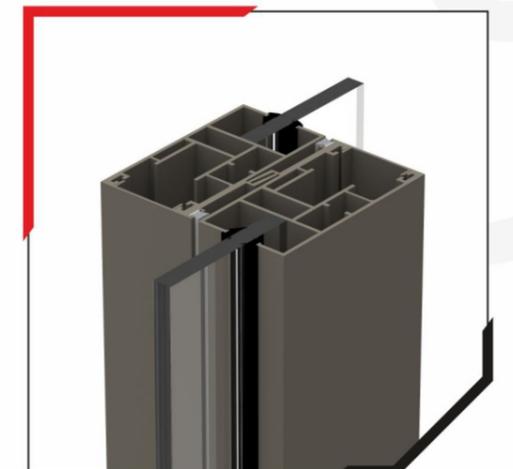
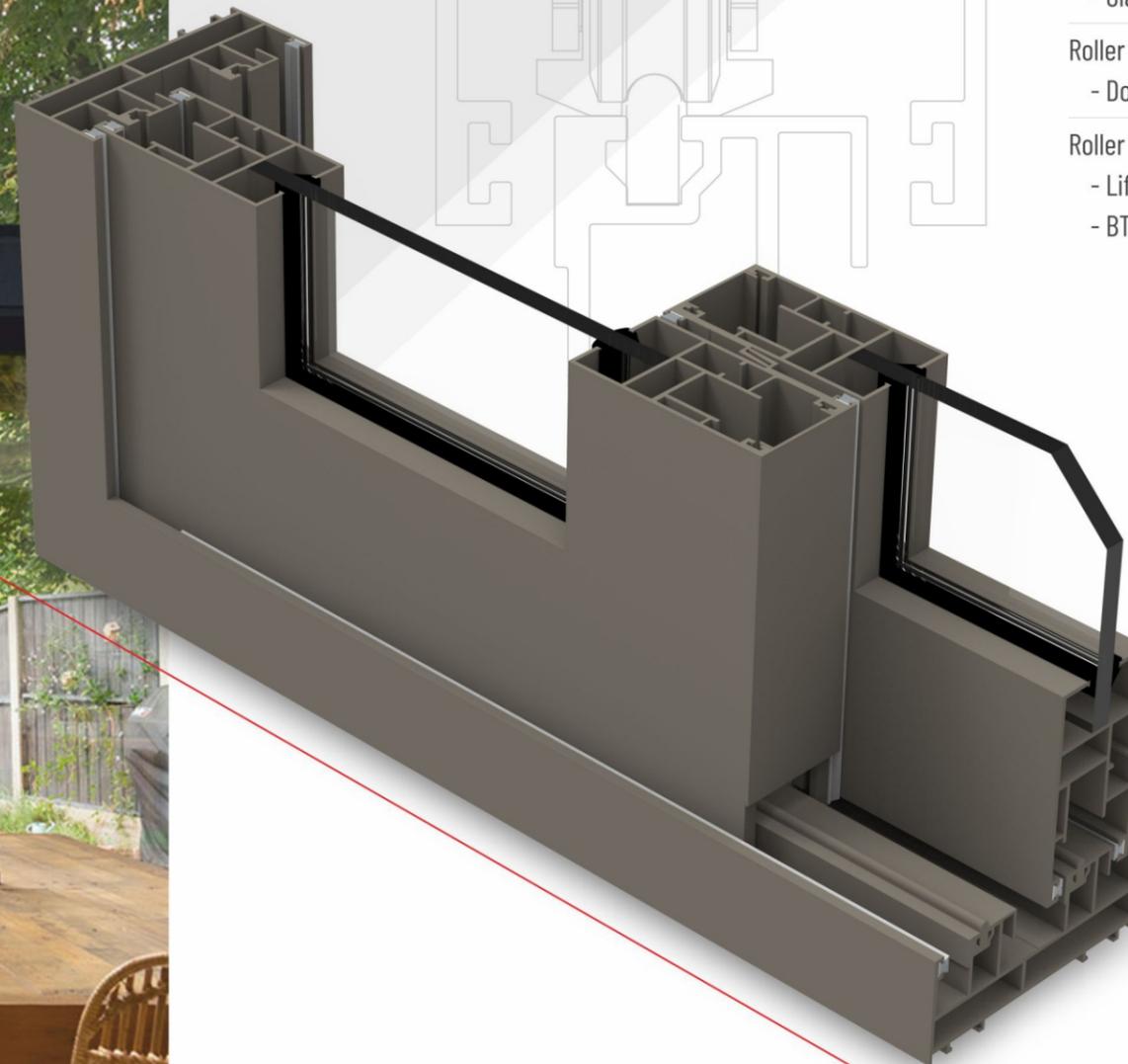
# CES.50

50mm Excellence Sliding



## TECHNICAL CHARACTERISTICS

Window Height (Max)	4000mm
Sash Height & Width	101mm x 51mm
Interlocking Visible Face Width	
- Slim Interlock	49mm
- Non Slim Interlock	101mm
Track Option & Depth	
- 2 Track Depth & Visible Height	129mm x 51mm
Corner Joint	
- Track Joint	45 Degree
- Non Slim Sash Joint	45 Degree
- Slim Interlock Joint	90 Degree
Glass Range	
- Glass Sash with Clip	8mm to 40mm
Roller Weight Capacity (2 Pcs.)	
- Double Roller	200kg - 400kg
Roller Weight Capacity (2 Pcs.)	
- Lift & SlideLocking	Multipoint
- BT Lock Locking	Multipoint (Top & Bottom Track Locking)



# CASEMENT SYSTEMS



## CARDINAL CASEMENT

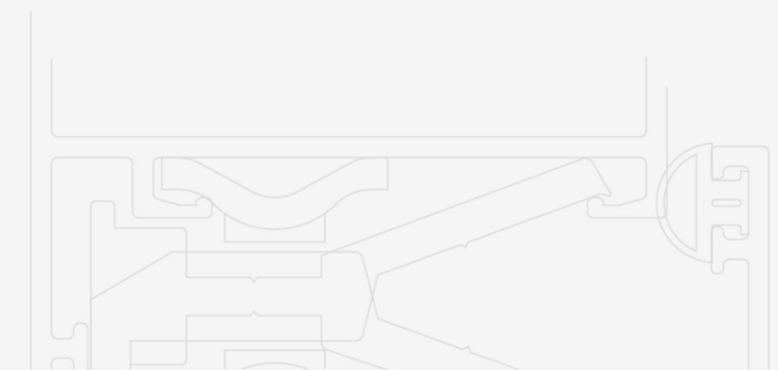
CC.30    CC.40    CC.50  
CTT.50 - Tilt & Turn

## CARDINAL OPULENCE CASEMENT

COC.40  
COT.40 - Tilt & Turn

## CARDINAL EXCELLENCE CASEMENT

CES.50  
CET.50 - Tilt & Turn  
CEP50 - Tilt & Turn Parallel Opening



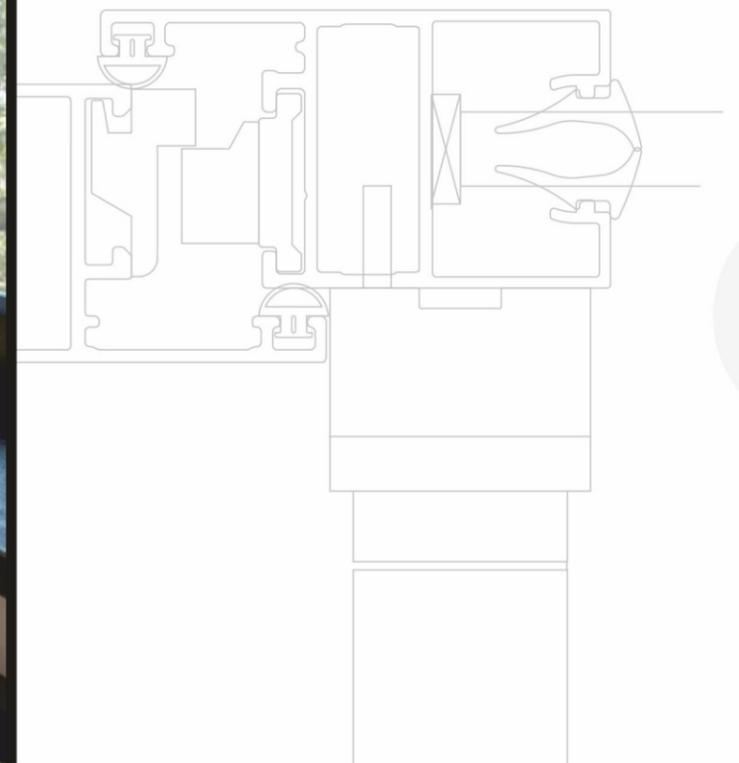
# CC.30

30mm Casement System



## TECHNICAL CHARACTERISTICS

Window Height (Max)	1530mm
Frame Depth Options	30mm
Visible Face Height	
- Frame Visible Face	45mm
- Middle Frame Visible Face	67mm
- Openable Sight Line	75.8mm
- Fix Sight Line	45mm
Sealing Overlap	6mm Sealing with Gasket
Corner Joint	
- Frame Joint	45 Degree
- Sash Joint	45 Degree
Glass Range	4mm - 6mm
Hinge Options	
- Stainless Steel Friction Stay	Up to 30kg
- Aluminium Hinge	Up to 90kg
Locking Type	Single & Multipoint Lock with Handle



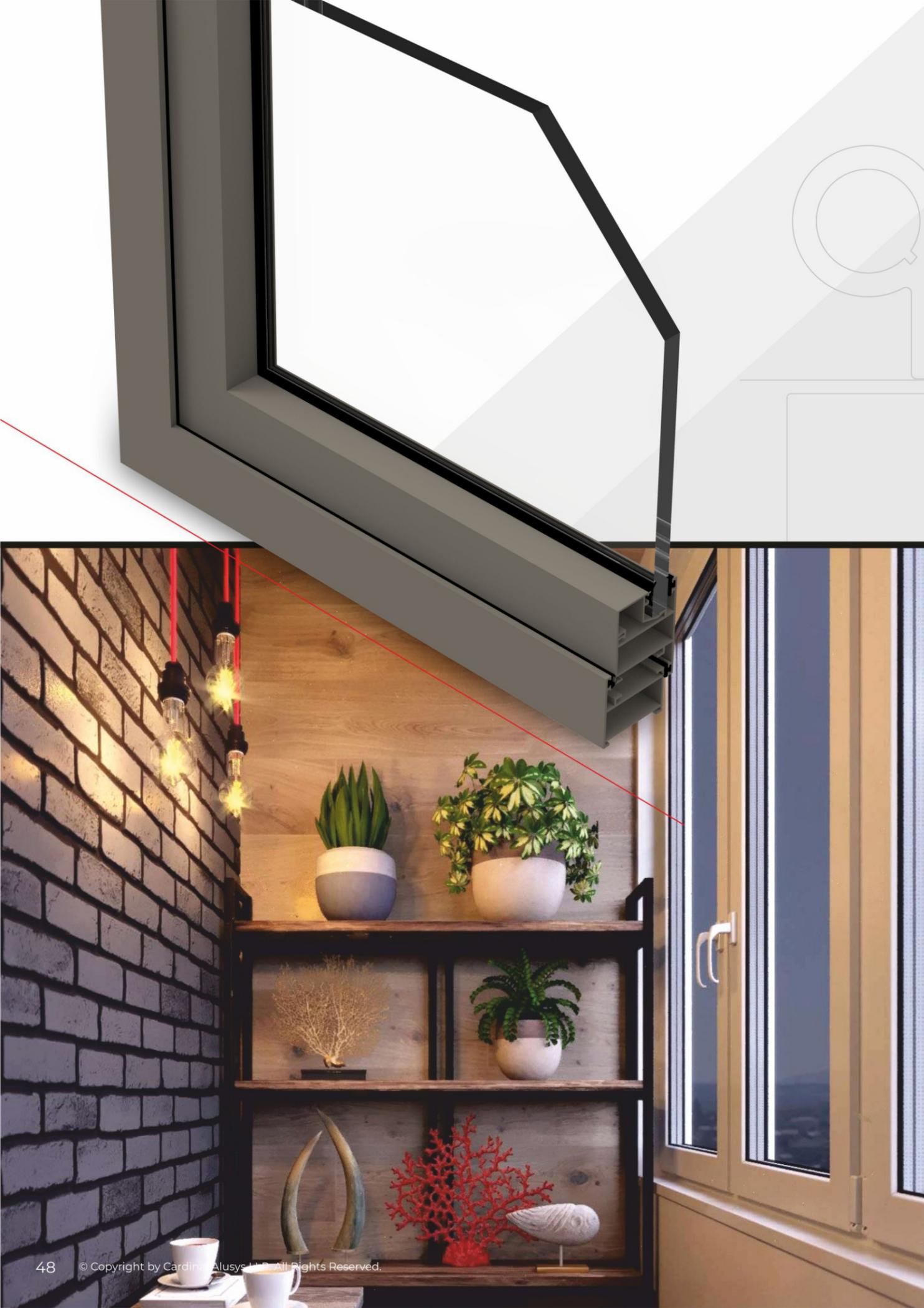
# CC.40

40mm Casement Eco



## TECHNICAL CHARACTERISTICS

Window Height (Max)	
Frame Depth Options	40 / 70 / 75 / 80 / 90 / 116mm
Visible Face Height	
- Frame Visible Face	39mm
- Middle Frame Visible Face	54mm / 62mm / 70mm
- Openable Sight Line	72.3mm
- Fix Sight Line	39mm
Sealing Overlap	6mm Sealing with Gasket
Corner Joint	
- Frame Joint	45 Degree
- Sash Joint	45 Degree
Glass Range	5mm - 28mm
Hinge Options	
- Stainless Steel Friction Stay	Up to 30kg
- Aluminium Hinge	Up to 90kg
Locking Type	Single & Multipoint Lock with Handle



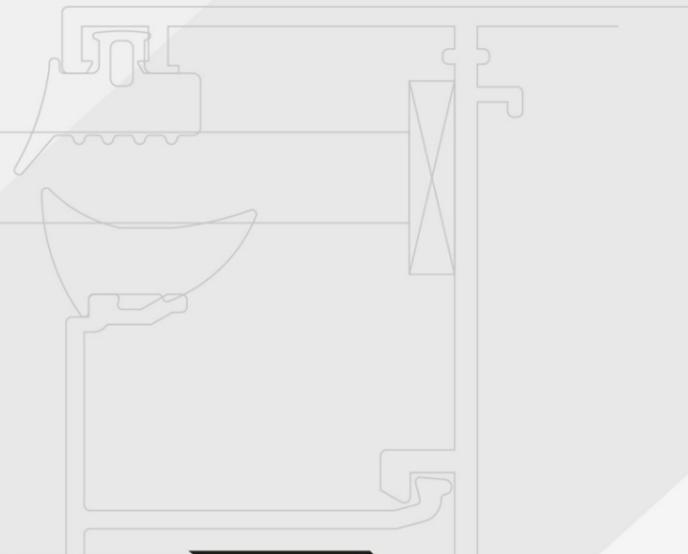
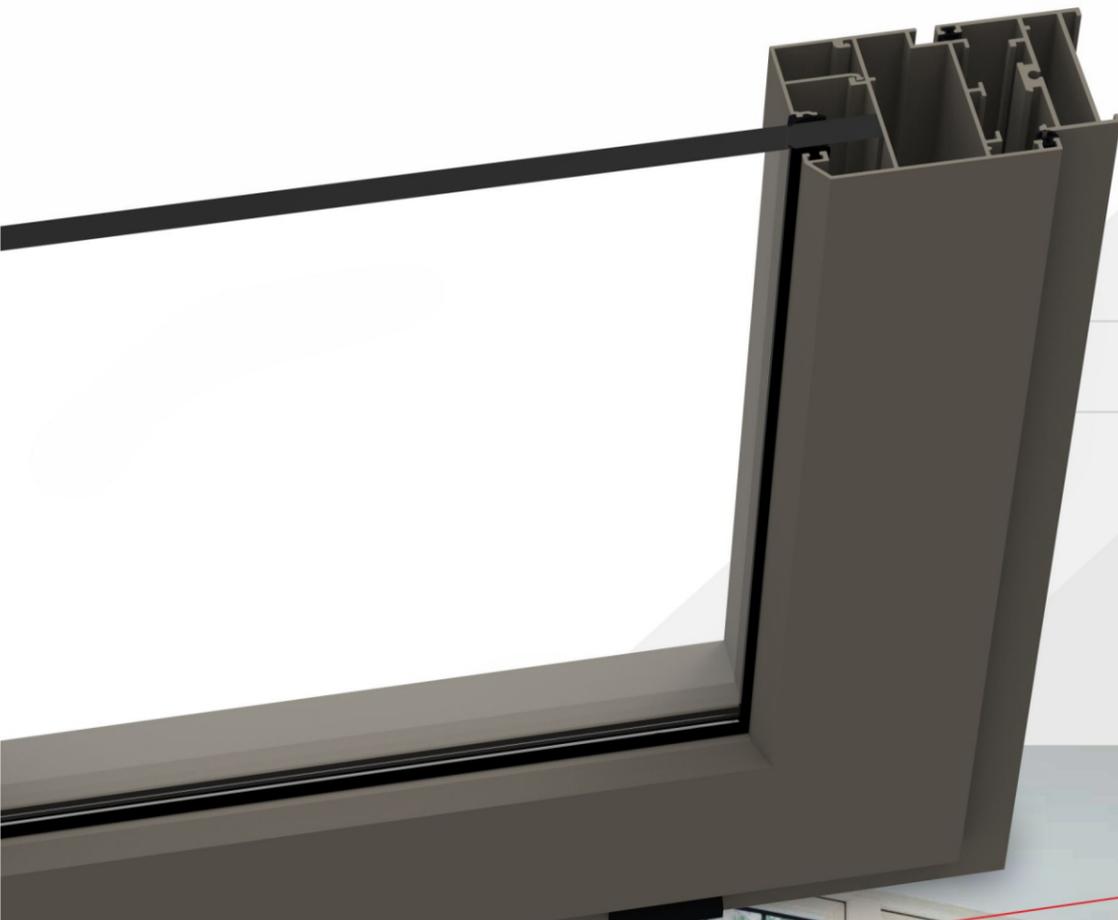
# CC.50

50mm Casement Euro



## TECHNICAL CHARACTERISTICS

Window Height (Max)	2100mm
Frame Depth Options	50mm
Visible Face Height	
- Frame Visible Face	46mm
- Middle Frame Visible Face	66mm
- Openable Sight Line	97.5mm
- Fix Sight Line	46mm
Sealing Overlap	6mm Sealing with Gasket
Corner Joint	
- Frame Joint	45 Degree
- Sash Joint	45 Degree
Glass Range	5mm - 38mm
Hinge Options	
- Stainless Steel Friction Stay	Up to 30kg
- Aluminium Hinge	Up to 200kg
Locking Type	Single & Multipoint Lock with Handle



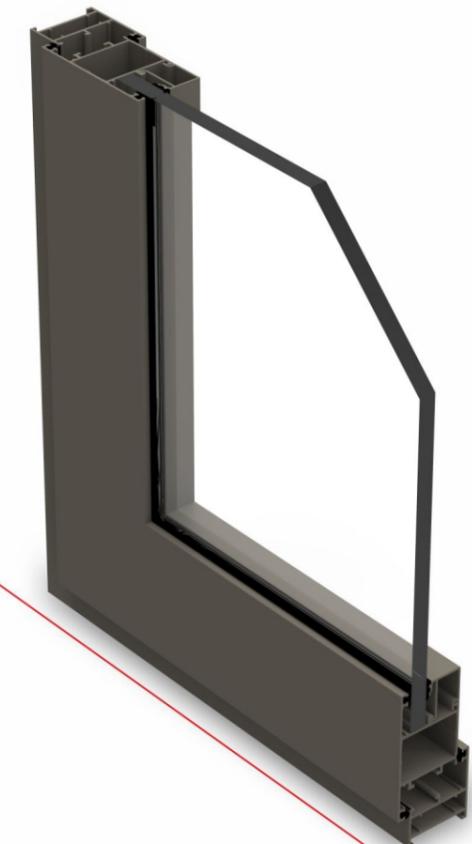
# COC.40

40mm Opulence Casement Euro



## TECHNICAL CHARACTERISTICS

Window Height (Max)	1850mm
Frame Depth Options	40mm
Visible Face Height	
- Frame Visible Face	72.7mm
- Middle Frame Visible Face	125.8mm / 66.9mm
- Openable Sight Line	91mm
- Fix Sight Line	45mm
Sealing Overlap	6mm Sealing with Gasket
Corner Joint	
- Frame Joint	45 Degree
- Sash Joint	45 Degree
Glass Range	5mm - 24mm
Hinge Options	
- Stainless Steel Friction Stay	Up to 30kg
- Aluminium Hinge	Up to 200kg
Locking Type	Single & Multipoint Lock with Handle



# CEC.50

50mm Excellence Casement Slim



## TECHNICAL CHARACTERISTICS

Window Height (Max)	2100mm
Window Width (Min / Max)	600mm / 800mm
Frame Depth Options	50mm
Visible Face Height	
- Frame Visible Face	59mm & 71mm
- Openable Sight Line	59mm & 71mm
- Fix Sight Line	59mm & 71mm
Sealing Overlap	6mm Sealing with Gasket
Corner Joint	
- Frame Joint	45 Degree
- Sash Joint	45 Degree
Glass Range	4mm-13.5mm & 22-24mm
Hinge Options	
- Invisible Hinge	90kg
- Visible Hinge	Up to 200kg
Locking Type	Multipoint Lock with Handle



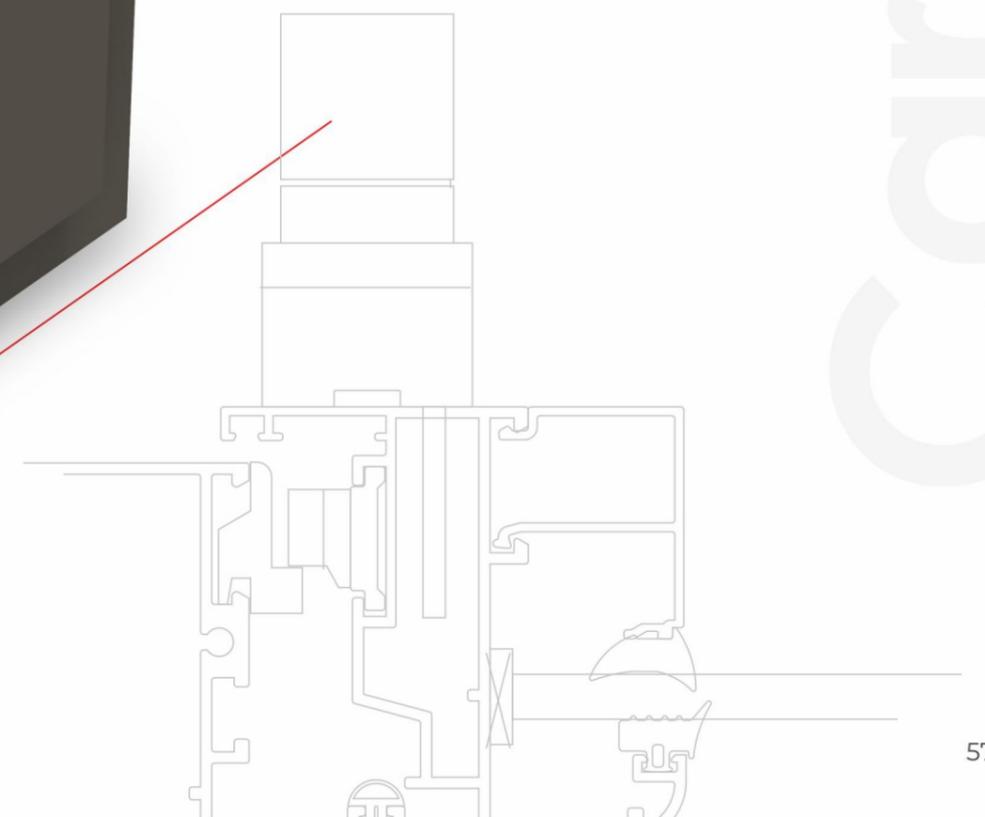
# CTT.50

50mm Tilt & Turn System



## TECHNICAL CHARACTERISTICS

Window Height (Max)	2100mm
Frame Depth Options	50mm
Visible Face Height	
- Frame Visible Face	46mm & 72mm
- Openable Sight Line	81mm & 116mm
- Fix Sight Line	46mm & 72mm
Sealing Overlap	6mm Sealing with Gasket
Corner Joint	
- Frame Joint	45 Degree
- Sash Joint	45 Degree
Glass Range	4mm - 38mm
Hinge Options	
- Invisible Hinge	90kg
- Visible Hinge	Up to 200kg
Locking Type	Multipoint Lock with Handle



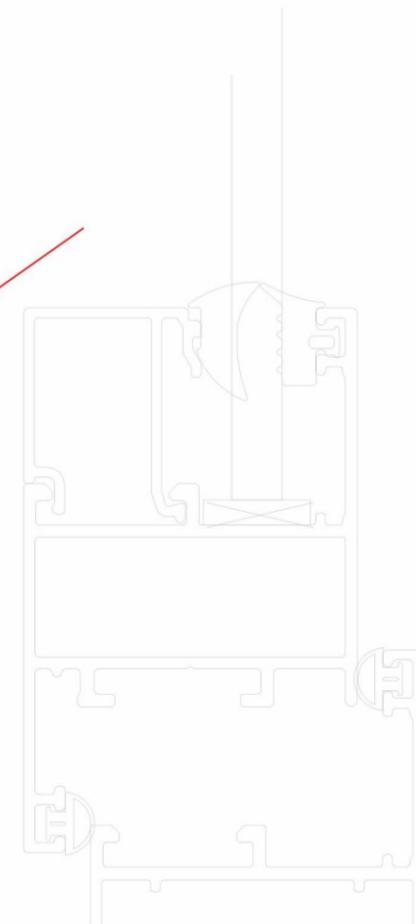
# COT.40

40mm Tilt & Turn System



## TECHNICAL CHARACTERISTICS

Window Height (Max)	1800mm
Frame Depth Options	40mm
Visible Face Height	
- Frame Visible Face	45mm
- Openable Sight Line	81mm
- Fix Sight Line	45mm
Sealing Overlap	6mm Sealing with Gasket
Corner Joint	
- Frame Joint	45 Degree
- Sash Joint	45 Degree
Glass Range	4mm - 24mm
Hinge Options	
- Invisible Hinge	90kg
- Visible Hinge	Up to 200kg
Locking Type	Multipoint Lock with Handle



# CET.50

50mm Tilt & Turn System



## TECHNICAL CHARACTERISTICS

Window Height (Max)	1850mm
Window Width (Min / Max)	600mm / 800mm
Frame Depth Options	50mm
Visible Face Height	
- Frame Visible Face	54mm & 71mm
- Openable Sight Line	54mm & 71mm
- Fix Sight Line	54mm & 71mm
Sealing Overlap	6mm Sealing with Gasket
Corner Joint	
- Frame Joint	45 Degree
- Sash Joint	45 Degree
Glass Range	4mm - 6mm & 22-24mm
Hinge Options	
- Invisible Hinge	90kg
- Visible Hinge	Up to 200kg
Locking Type	Multipoint Lock with Handle



# CEP.50

50mm Excellence Parallel Opening



## TECHNICAL CHARACTERISTICS

Window Height (Max)	1800mm
Window Width (Max)	1800mm
Frame Depth Options	50mm
Visible Face Height	
- Frame Visible Face	59mm
- Openable Sight Line	59mm
- Fix Sight Line	59mm
Sealing Overlap	6mm Sealing with Gasket
Corner Joint	
- Frame Joint	45 Degree
- Sash Joint	45 Degree
Glass Range	6mm - 13.5mm
Hinge Options	
- Invisible Hinge Vent Size Max	Up to 300kg
- Invisible Hinge Weight	Up to 180kg
Locking Type	Multipoint Lock with Handle

# DOOR SYSTEMS

## CARDINAL DOORS

CD.40      CD.50

BIFOLD DOORS

CBD.50      CBD.65

## CARDINAL OPULENCE DOORS

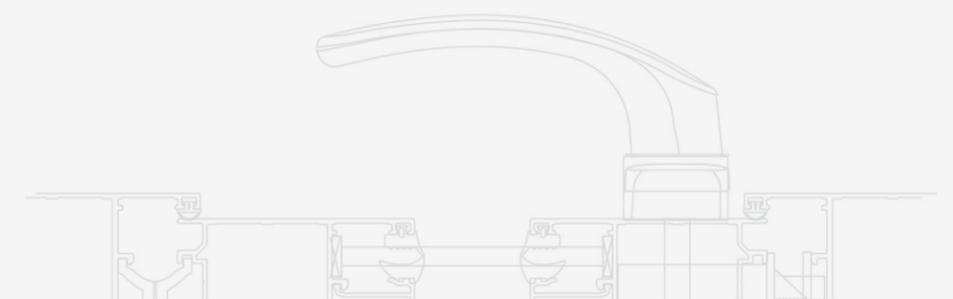
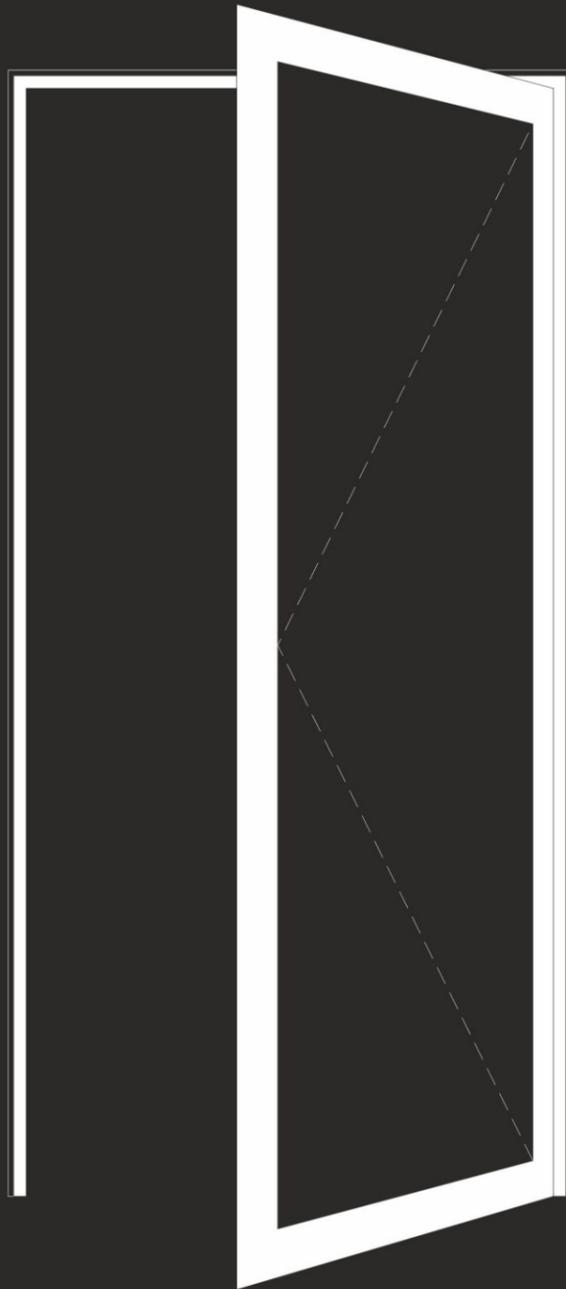
COD.40

BIFOLD DOORS

CBD.59      CBD.85

## CARDINAL EXCELLENCE DOORS

CED.75



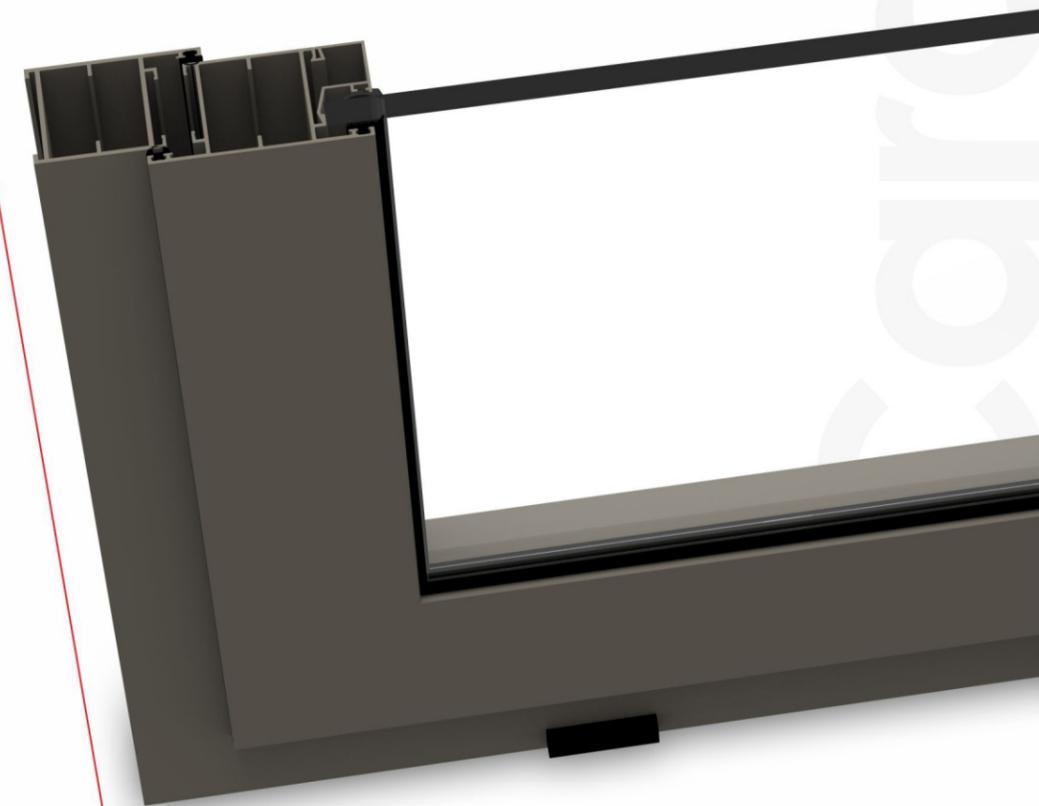
# CD.40

40mm Cardinal Door Eco



## TECHNICAL CHARACTERISTICS

Door Height (Max)	2150mm
Door Width (Max)	800mm
Door Weight (Max) Type	80kg
Shutter Depth	40mm
Visible Face	
- Shutter Face	70mm
- Frame Face	55mm
- Openable Sight Line	105mm
Sealing Overlap	6mm Sealing with Gasket
Corner Joint	
- Frame Joint	45 Degree
- Sash Joint	45 Degree
Glass Range	5mm - 24mm
Locking Type	Single & Multipoint Locking



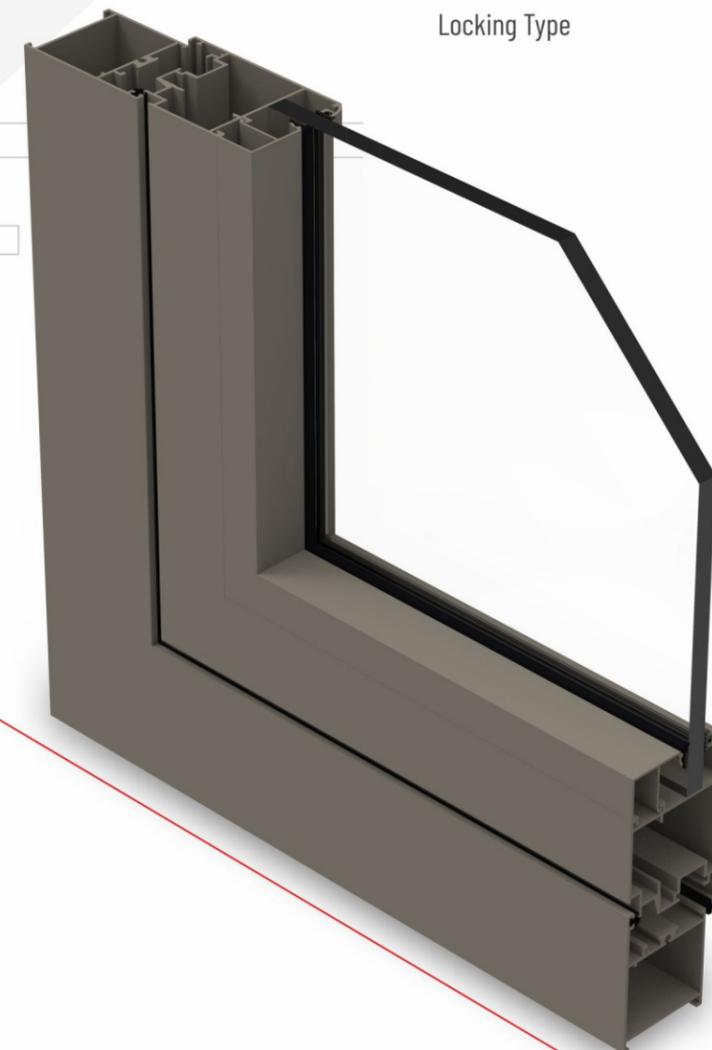
# CD.50

50mm Cardinal Door Euro



## TECHNICAL CHARACTERISTICS

Door Height (Max)	3000mm
Door Width (Max)	1000mm
Door Weight (Max) Type	200kg
Shutter Depth	58mm
Visible Face	
- Shutter Face	95mm
- Frame Face	73mm
- Openable Sight Line	142mm
Sealing Overlap	6mm Sealing with Gasket
Corner Joint	
- Frame Joint	45 Degree
- Sash Joint	45 Degree
Glass Range	5mm - 28mm
Locking Type	Single & Multipoint Locking



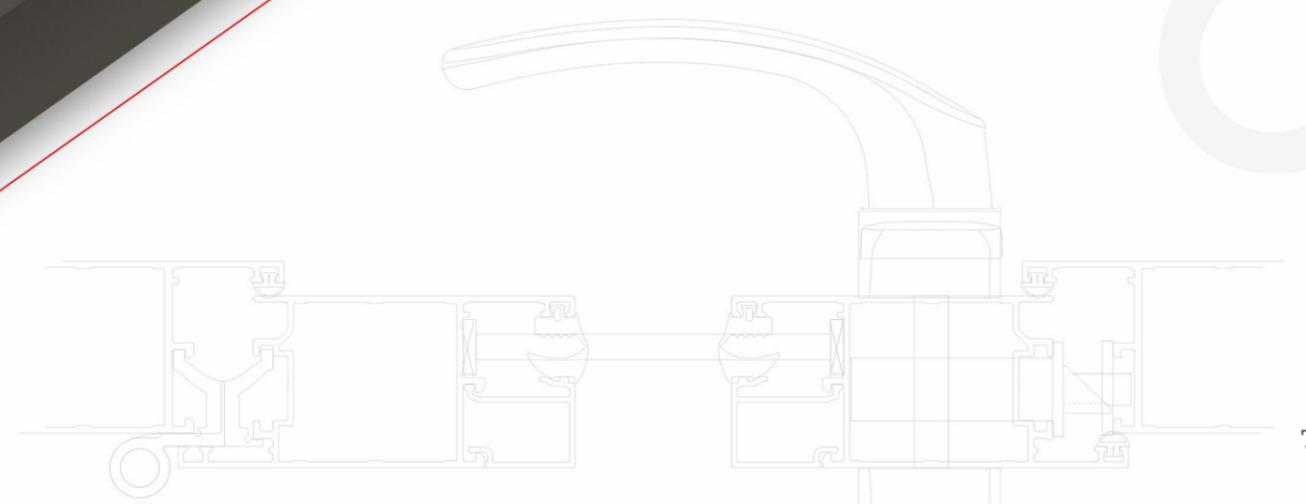
# COD.40

40mm Opulence Door Euro



## TECHNICAL CHARACTERISTICS

Door Height (Max)	2440mm
Door Width (Max)	1000mm
Door Weight (Max) Type	120kg
Shutter Depth	40mm
Visible Face	
- Shutter Face	92mm
- Frame Face	72.7mm
- Openable Sight Line	137mm
Sealing Overlap	6mm Sealing with Gasket
Corner Joint	
- Frame Joint	45 Degree
- Sash Joint	45 Degree
Glass Range	5mm - 24mm
Locking Type	Single & Multipoint Locking



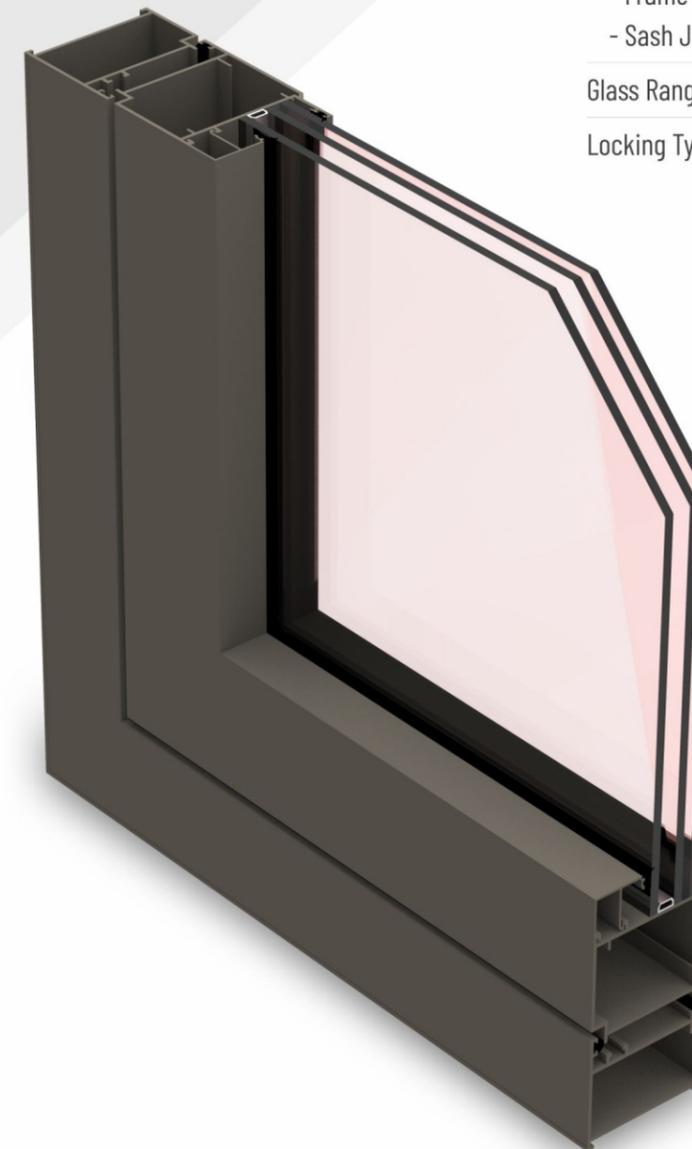
# CED.75

75mm Excellence Door



## TECHNICAL CHARACTERISTICS

Door Height (Max)	3650mm
Door Width (Max)	1200mm
Door Weight (Max) Type	300kg
Shutter Depth	75mm
Visible Face	
- Shutter Face	100mm
- Frame Face	73mm
- Openable Sight Line	142mm
Sealing Overlap	6mm Sealing with Gasket
Corner Joint	
- Frame Joint	45 Degree
- Sash Joint	45 Degree / 90 Degree in Bottom
Glass Range	8mm - 48mm
Locking Type	Multipoint Locking



# CBD.50

50mm Bifold Door



## TECHNICAL CHARACTERISTICS

Door Height (Max)	2500mm
Door Width (Max)	800mm
Door Weight (Max) Type	60kg
Shutter Depth	50mm
Visible Face	
- Top Frame Visible Face	73mm
- Side Frame Visible Face	71mm
- Bottom Frame Visible Face	64mm
- Shutter Section	74mm
- Openable Sight Line	156mm

Corner Joint	
- Frame Joint	90 Degree
- Sash Joint	45 Degree
Glass Range	5mm - 28mm
Locking Type	Single & Multipoint
Corner Sliding Folding	Available



# CBD.65

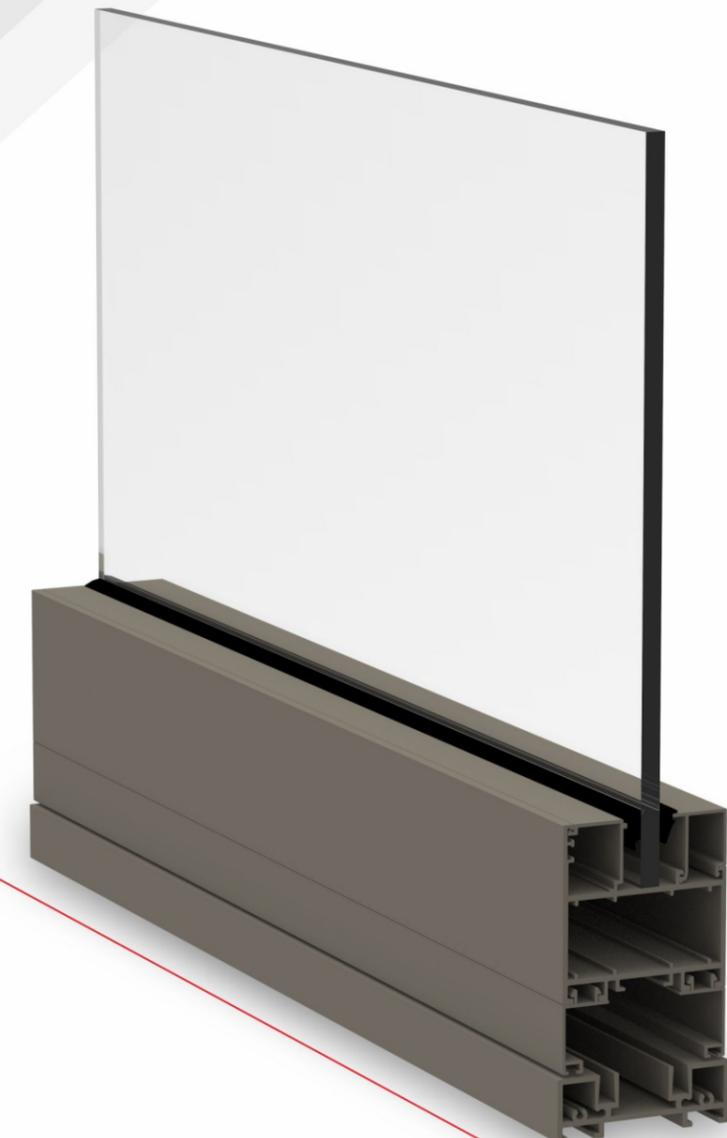
65mm Bifold Door



## TECHNICAL CHARACTERISTICS

Door Height (Max)	3100mm
Door Width (Max)	1000mm
Door Weight (Max) Type	120kg
Shutter Depth	65mm
Visible Face	
- Top & Side Frame Visible Face	74mm
- Bottom Frame Visible Face	69mm
- Shutter Section	65mm
- Openable Sight Line	140mm

Corner Joint	
- Frame Joint	90 Degree
- Sash Joint	45 Degree
Glass Range	5mm - 41mm
Locking Type	Single & Multipoint
Corner Sliding Folding	Not Available



# CBD.59

59mm Bifold Door



## TECHNICAL CHARACTERISTICS

Door Height (Max)	3100mm
Door Width (Max)	1000mm
Door Weight (Max) Type	120kg
Shutter Depth	59mm
Visible Face	
- Top Frame Visible Face	66mm
- Side Frame Visible Face	85mm
- Bottom Frame Visible Face	50mm
- Shutter Section	70mm
- Openable Sight Line	155mm

Corner Joint	
- Frame Joint	90 Degree
- Sash Joint	45 Degree
Glass Range	5mm - 35mm
Locking Type	Single & Multipoint Lock
Corner Sliding Folding	Available



# CBD.85

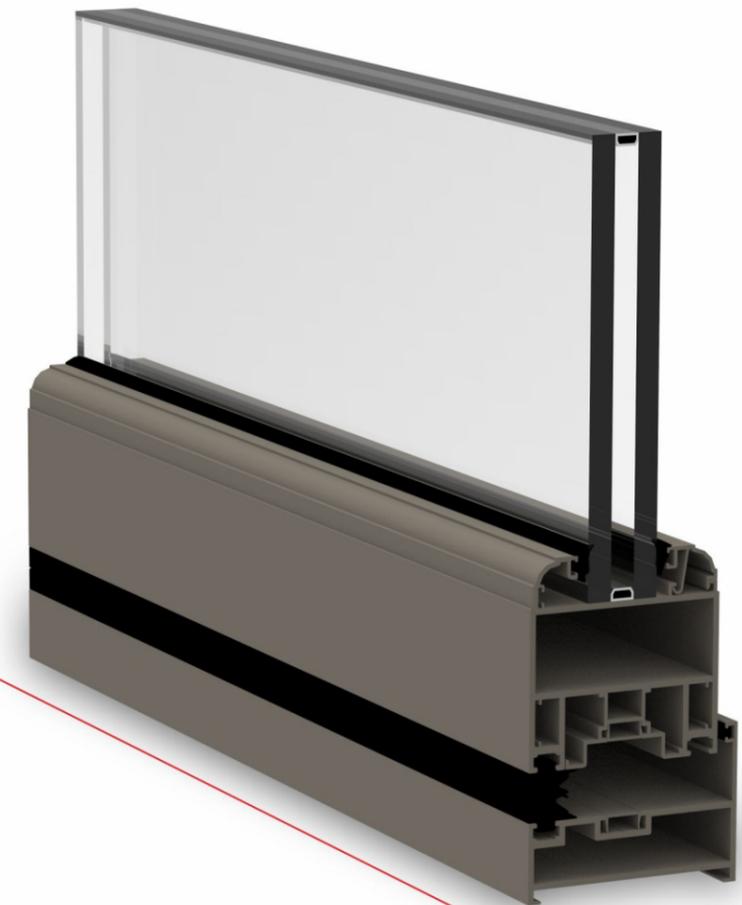
85mm Bifold Door



## TECHNICAL CHARACTERISTICS

Door Height (Max)	3600mm
Door Width (Max)	1200mm
Door Weight (Max) Type	200kg
Shutter Depth	85mm
Visible Face	
- Top Frame Visible Face	80mm
- Side Frame Visible Face	65mm
- Bottom Frame Visible Face	65mm
- Shutter Section	85mm
- Openable Sight Line	190mm

Corner Joint	
- Frame Joint	90 Degree
- Sash Joint	45 Degree
Glass Range	8mm - 41mm
Locking Type	Single & Multipoint Lock
Corner Sliding Folding	Available



# FACADE SYSTEMS

## CARDINAL FACADE

CFS.40

CFS.57

CFS.45

CFS.67

Cardinal

# CFS.40

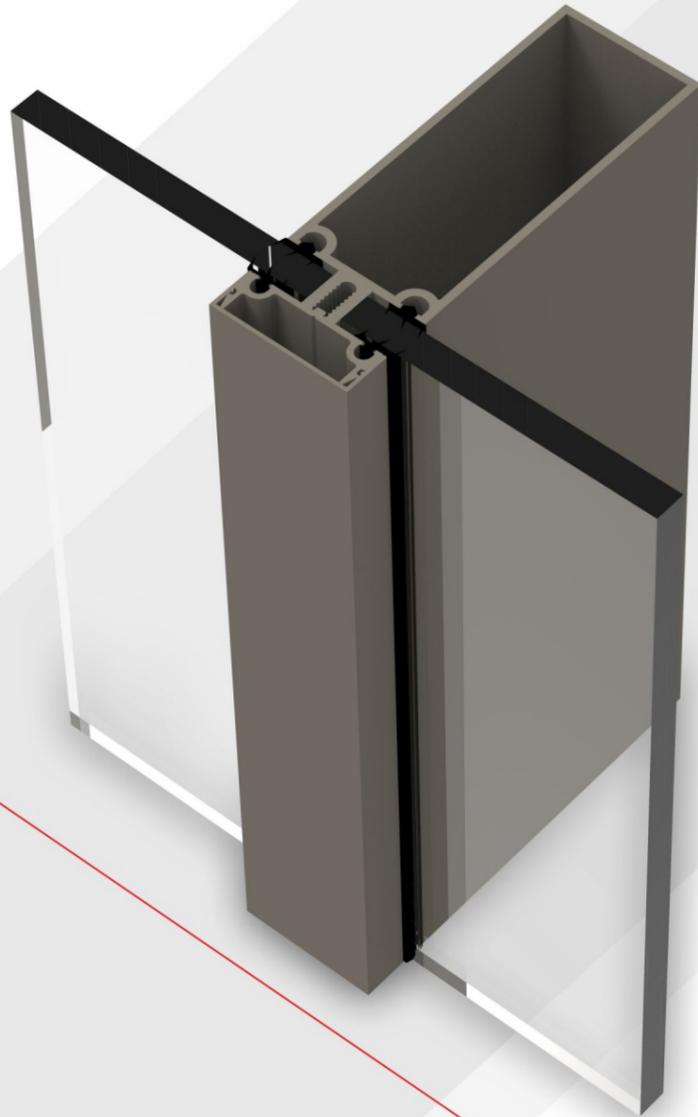
40mm Facade System



## TECHNICAL CHARACTERISTICS

Mullion / Transom Depth	40mm
Mullion / Transom Height	40mm & 80mm
Window Height (Max)	2440mm
Frame Visible Face	45mm
Middle Frame Visible Face	45mm

Corner Joint	
- Frame Joint	90 Degree
- Sash Joint	90 Degree
Glass Range	6mm - 12mm
Locking Type	Single & Multipoint Lock with Handle



# CFS.45

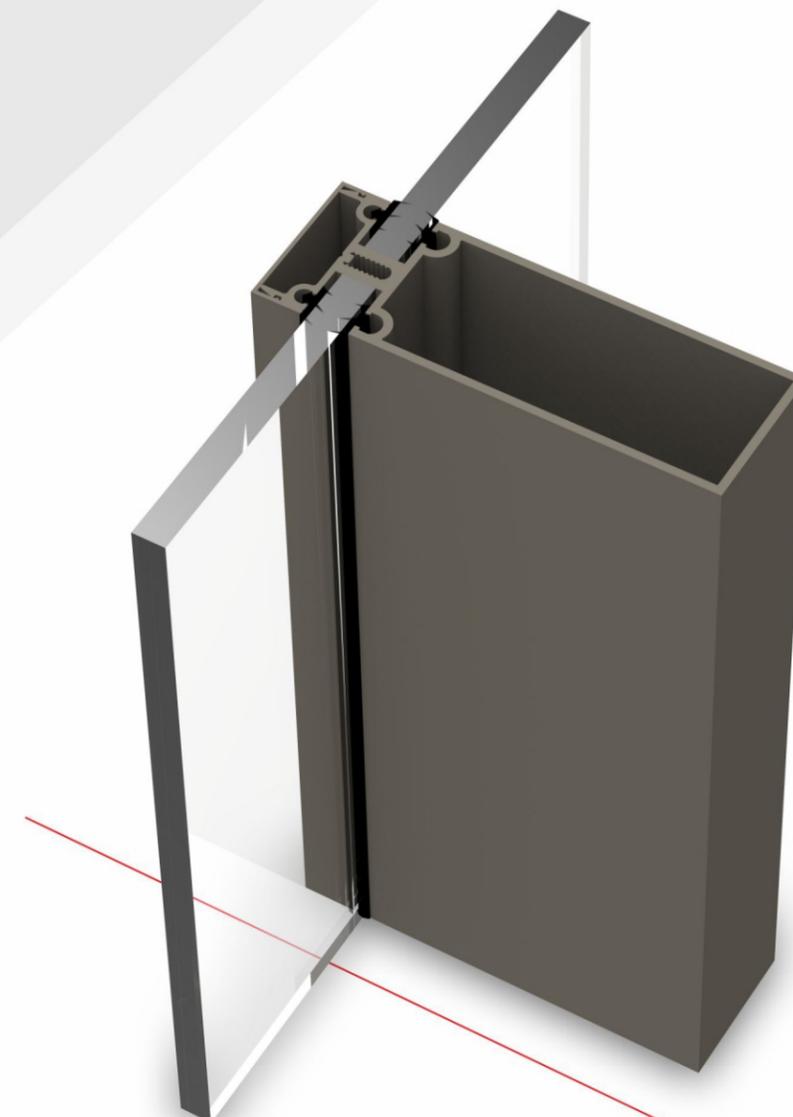
45mm Facade System



## TECHNICAL CHARACTERISTICS

Mullion / Transom Depth	45mm
Mullion / Transom Height	45 / 65 / 80 / 108mm
Window Height (Max)	2440mm
Frame Visible Face	45mm
Middle Frame Visible Face	45mm

Corner Joint	
- Frame Joint	90 Degree
- Sash Joint	90 Degree
Glass Range	6mm to 20mm
Locking Type	Single & Multipoint Lock with Handle



cardinal

# CFS.57

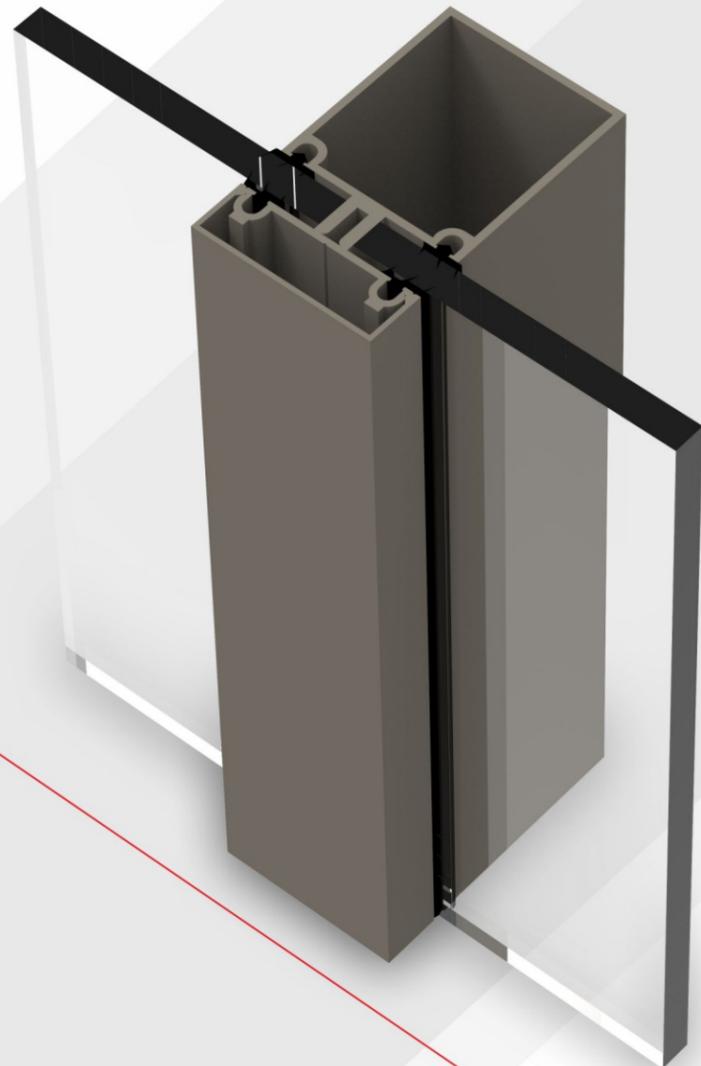
57mm Facade System



## TECHNICAL CHARACTERISTICS

Mullion / Transom Depth	57mm
Mullion / Transom Height	50 / 70 / 100 / 125mm
Window Height (Max)	3010mm
Frame Visible Face	57mm
Middle Frame Visible Face	57mm

Corner Joint	
- Frame Joint	90 Degree
- Sash Joint	90 Degree
Glass Range	6mm - 12mm
Locking Type	Single & Multipoint Lock with Handle



# CFS.67

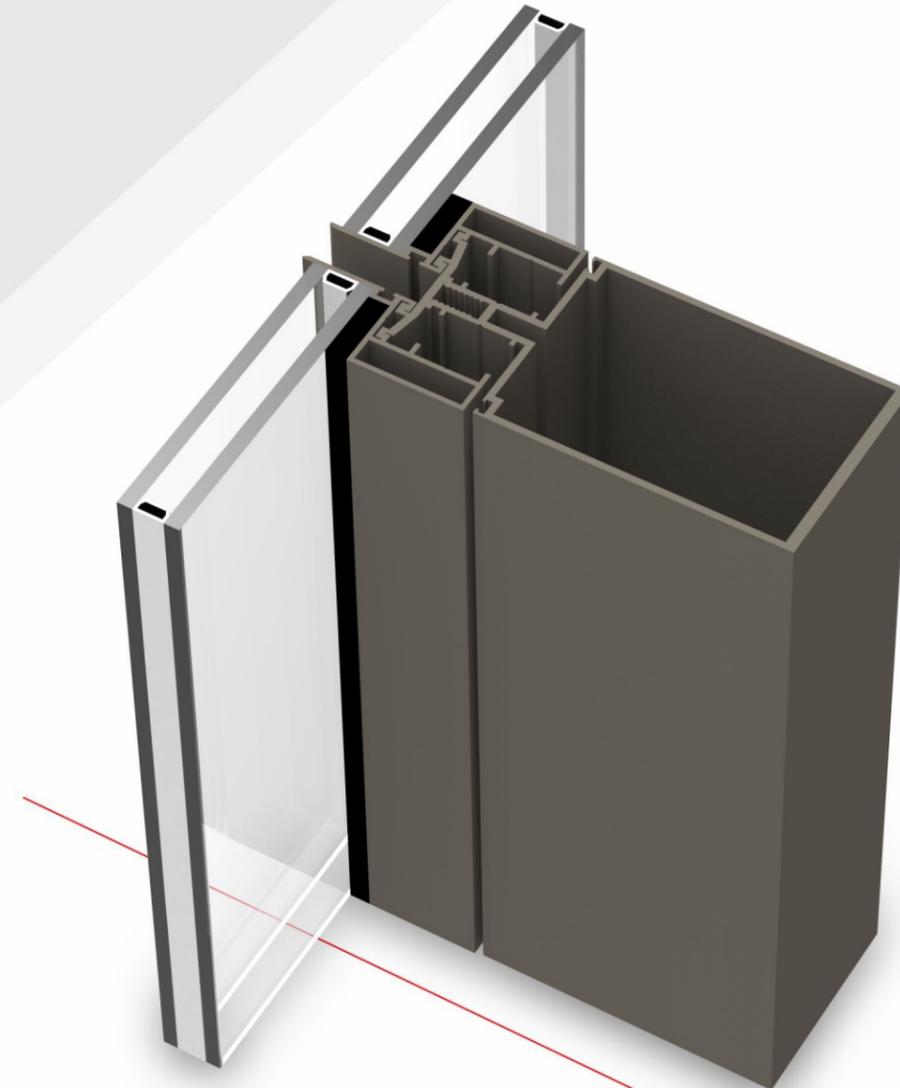
67mm Facade System



## TECHNICAL CHARACTERISTICS

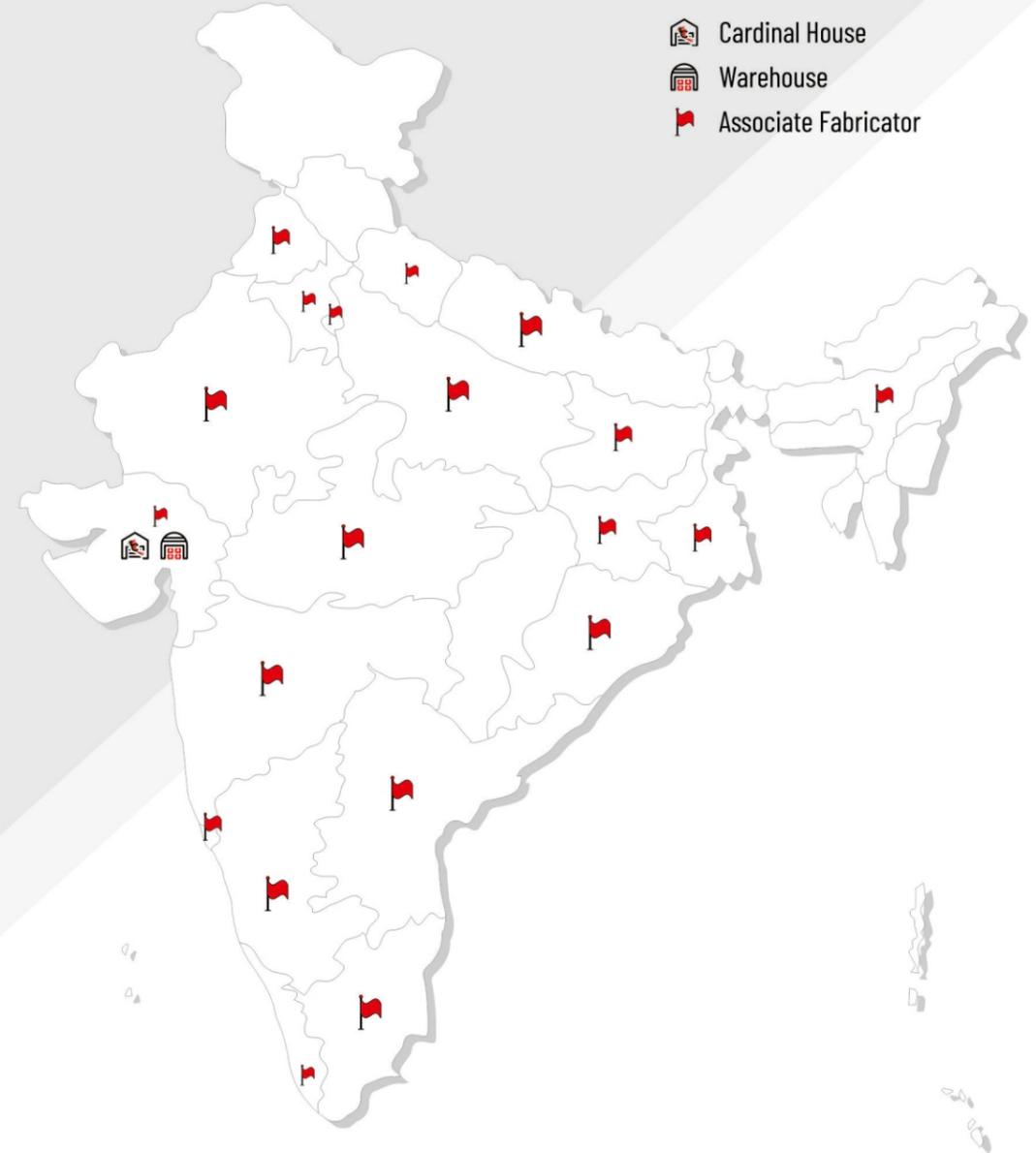
Mullion / Transom Depth	67mm
Mullion / Transom Height	50 / 100 / 150 / 200mm
Window Height (Max)	3010mm
Frame Visible Face	38mm
Middle Frame Visible Face	67mm
Openable Sight Line	67mm

Corner Joint	
- Frame Joint	90 Degree
- Sash Joint	90 Degree
Glass Range	5mm to 24mm
Locking Type	Single & Multipoint Lock with Handle



cardinal

-  Cardinal House
-  Warehouse
-  Associate Fabricator



States where we have  
**CUSTOMER  
NETWORK**

- |                  |                 |             |
|------------------|-----------------|-------------|
| - Gujarat        | - Uttarakhand   | - Odisha    |
| - Maharashtra    | - Uttar Pradesh | - Telangana |
| - Rajasthan      | - Nepal         | - Tamilnadu |
| - Madhya Pradesh | - Bihar         | - Kerala    |
| - Delhi          | - Jharkhand     | - Karnataka |
| - Punjab         | - West Bengal   | - Goa       |
| - Haryana        | - Assam         |             |



## CARDINAL ALUSYS LLP.

CUSTOMER CARE NO.

# 1800 202 3329

### OFFICE

15, Ashwarath Complex,  
Opp. Fortune Hotel,  
Ashram Road, Ushmanpura,  
Ahmedabad, Gujarat - 380 013.

### EXPERIENCE CENTRE

209, Aaron Spectra,  
Rajpath Rangoli Road,  
Behind Rajpath Club, Bodakdev,  
Ahmedabad, Gujarat - 380 054.

### WAREHOUSE

4-5, Suryoday Estate,  
Below Chamunda Bridge,  
Near Fish Market, Asharwa,  
Ahmedabad, Gujarat - 380016.

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