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Common Features of VEKA | Sliding Window and Door Systems

Multiple chamber design with internal webs for additional stability, provides excellent heat and sound insulating properties.
 Drainage chamber is designed on the outer section of profile to allow for proper drainage whilst still maintaining an insulated reinforcement chamber.
 Isolated huge dimensioned reinforcement chamber designed to take strong galvanized steel reinforcement imparts high inertia strength and stability to the profile systems.

Separate chambers for drainage and pressure equalization prevents energy loss, draught and prevents entry of dust particles.

Specially designed frame profile locating legs is standardized for this and other VEKA systems to allow for easy retention of ancillary profile or frame to frame joints

© Eurogrove designed to European standards facilitate easily installation or rollers for sliding sashes and multi point locks.

O Specially designed screw ports in sash profiles facilitates hardware installation, whilst at the same time ensuring the hardware is properly secured.

O Sealing wedges designed for installing at the sash interlock (top and bottom) improves insulation performance of sliding doors and windows.

© Enhanced stability with glazing rebate height of 21 mm.

System specific glazing block and glazing wedges of different thickness facilitates installation of glazing.

Installation of glazing of different thickness is made simple by choosing glazing beads of different sizes from the VEKA range.

Special sash interlock profiles used in conjunction with twin brush seals for weather stripping improves air and water tightness.

© Easy to change aluminum track for long service life.

Profile section and thickness are designed to minimize fabrication wastage and reduce window cost.

O Profile system is designed with glazing bead on the internal face to allow for safe and convenient installation on site and changing of glazing units when it becomes necessary.



SL58 2-Track Sliding Window System (with/without Fly-Screen Rail)

SL73 Sliding Window System

SL73 Sliding Door System

Window and Door Systems

NEW PROFILE SYSTEMS:

SL58 3-Track Sliding Window System
SL73 3-Track Sliding Door System
K-LINE Vertical Sliding Window System
SL153 Lift & Sliding Door System

SL60 3-Track COEX Sliding Window System

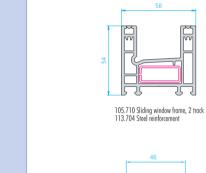


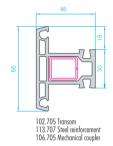
PROFILE CHARTS - SLIDING SYSTEMS

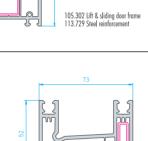


VERTICAL SLIDING WINDOW SYSTEM

60 COEX SLIDING
WINDOW SYSTEM (3 TRACK)

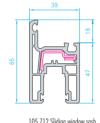




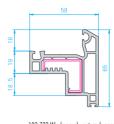


101.733 Window frame, outwards opening 113.708 Steel reinforcement

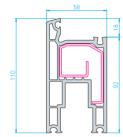




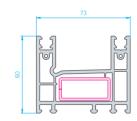




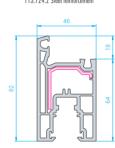
103.732 Window sash, outwards opening 113.781 Steel reinforcement



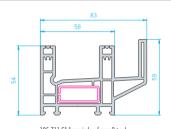
105.793 Lift & sliding door sash 113.774.2 Steel reinforcement



105.727 Sliding door frame (end milled) 113.724.2 Steel reinforcement



105.715 Sliding door sash 113.788 Steel reinforcement



105.711 Sliding window frame,2 track 113.704 Steel reinforcement

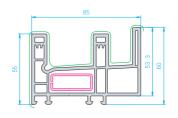




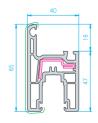
105.702 Sliding window sash 113.785 Steel reinforcement

105.717 Sliding door frame 113.724.2 Steel reinforcement

105.732 Vertical sliding window sash



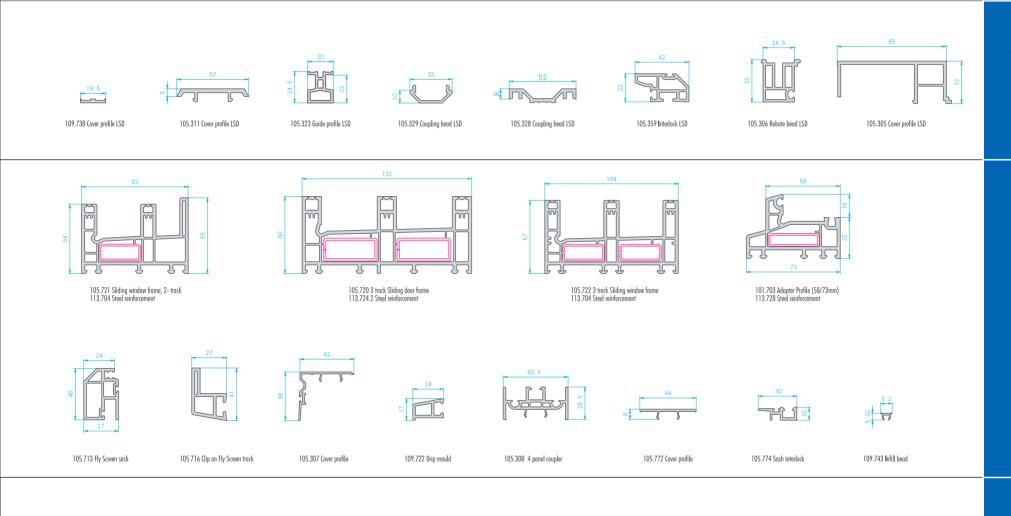
105.723 Sliding window frame, 2 track (CO-EX) 113.704 Steel reinforcement



105.724 Sliding window sash (CO-EX) 113.706 Steel reinforcement



104.725 Cover profile (Aluminum)



105.734 Covering profiles

107.731 Glazing bead

105.733 Co-extruded Covering profiles

107.732 Glazing bead





Application >>

Suitable for used in residential developments, commercial buildings, factories, schools, hospitals and hotels. Provides as alternative to conventional casement systems. The systems' compliance to various performance specific criteria makes it an ideal first choice in current construction market.

Product Features >>

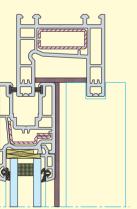
- 1> Main profiles wall thickness is fully compliant to technical specifications as set forth in European standards, EN 12608.
- 2> The multiple chamber design enhances heat and sound insulation properties.
- 3> System is capable of accepting a wide variety of single or double glaze units by choosing different sized glazing bead from the VEKA range.
- 4> Profile section and thickness are designed to minimize fabrication wastage and reduce window cost.

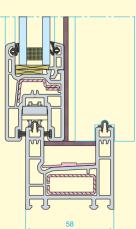
Glazing Bead Assembly Table >>

Glazing Bead	Glass Thickness (mm)			
107.044	4	5	6	
107.717	15	16	17	
107.710	0 18 19 20			
<note> Glazing Gaskets: 112.750, 112.751</note>				

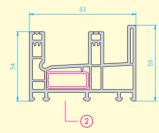
Profiles & Accessories Table >>

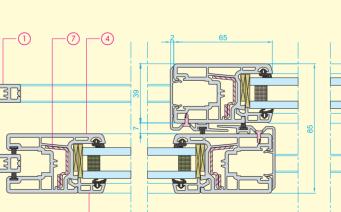
	ltem	Article Nos./Description	Specifications
ĺ	1	105.710 Sliding Window Frame (2 Track)	54 x 58
	2	105.721 2-Track Window Frame with Fly-Screen Rail (straight)	54 x 83
	3	105.711 2-Track Window Frame with Fly-Screen Rail (angled)	54 x 83
	4	105.712 Sliding Window Sash	65 x 39
	5	107.710 Glazing Bead	6.5 x 18
	6	113.704 Galvanized Steel Reinforcement	32.5 x 13 x 1.5
	7	113.706 Galvanized Steel Reinforcement	28 x 15 x 1.5





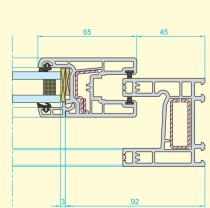
Section A-A Side Elevation

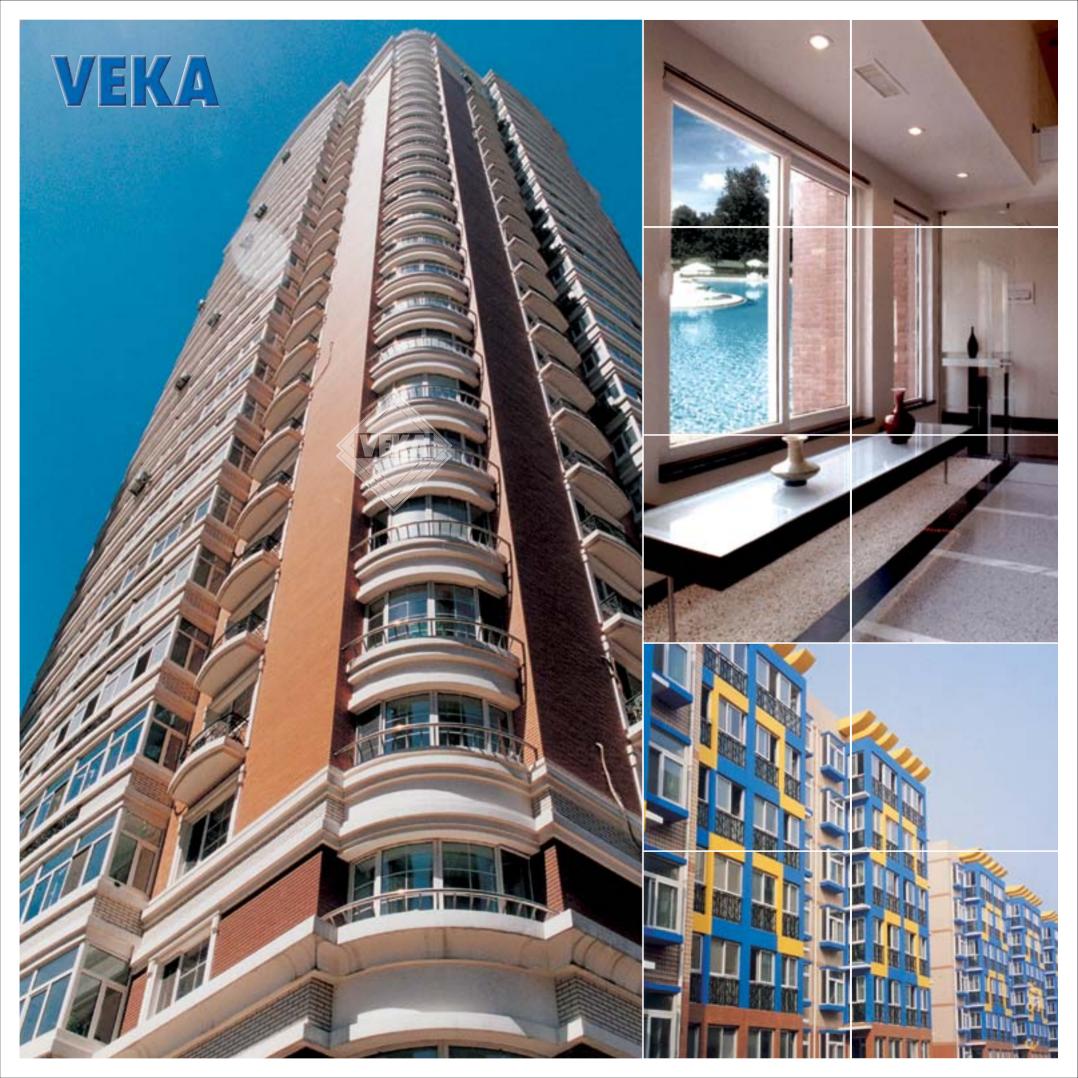




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Section B-B Plan Elevation





SL58 Sliding Window System (3 Track)

Application >>

Suitable for used in residential developments, commercial buildings, factories, schools, hospitals and hotels. Provides an alternative to conventional casement systems. The systems' compliance to various performance specific criteria makes it an ideal first choice in current construction market.

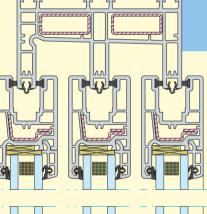
Product Features >>

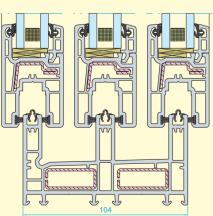
- 1> Main profiles wall thickness is fully compliant to technical specifications as set forth in European standards, EN 12608.
- 2> The multiple chamber design enhances heat and sound insulation properties.
- 3> System is capable of accepting a wide variety of single or double glaze units by choosing different sized glazing bead from the VEKA range.
- 4> Profile section and thickness are designed to minimize fabrication wastage and reduce window cost.
- 5> Window Constructions with up to 6 Sashes are possible, opening area 2/3 of the window.

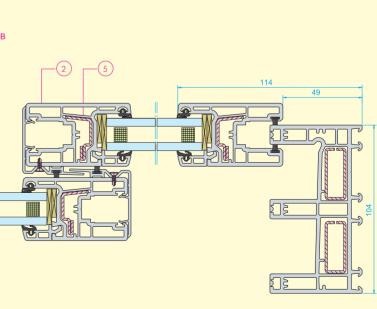
Glazing Bead Assembly Table >>

Glazing Bead	Glass Thickness (mm)			
107.044	4 5		6	
107.717	15 16		17	
107.710	18 19 20			
<note> Glazing Gaskets: 112.750, 112.751</note>				

ltem	Article Nos./Description	Specifications
1	105.722 3-Track Window Frame	57 x 104
2	105.712 Sliding Window Sash	65 x 39
3	107.710 Glazing Bead	6.5 x 18
4	113.704 Steel Reinforcement	32.5 x 13 x 1.5
5	113.706 Steel Reinforcement	28 x 15 x 1.5







Section A-A Side Elevation



SL73 Sliding Window System (2 Track)

Application >>

Suitable for used in residential developments, commercial buildings, factories, schools, hospitals and hotels. Provides an alternative to conventional casement systems. The systems' compliance to various performance specific criteria makes it an ideal first choice in current construction market.

Product Features >>

- 1> Main profiles wall thickness of ≥ 2.5mm is fully compliant to technical specifications as set forth in European standards, EN 12608 Class B.
- 2> The multiple chamber design enhances heat and sound insulation properties.
- 3> Galvanized steel reinforcement of thickness ≥ 1.5 mm imparts optimum stability to the system
- 4> System is capable of accepting a wide variety of glazing thickness by choosing different sized glazing bead from the VEKA range.
- 5> Color foil lamination and vacuum spray coating processes can be applied to the profile systems to satisfy the aesthetical needs for color co-ordinated windows in a development.

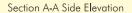
Glazing Bead Assembly Table >>

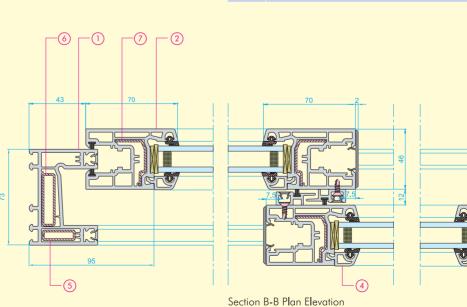
Glazing Bead	Glass Thickness (mm)			
107.714	3 4		5	
107.717	19	20	21	
107.710	22 23 24			
<note> Glazing Gaskets: 112.750, 112.751</note>				

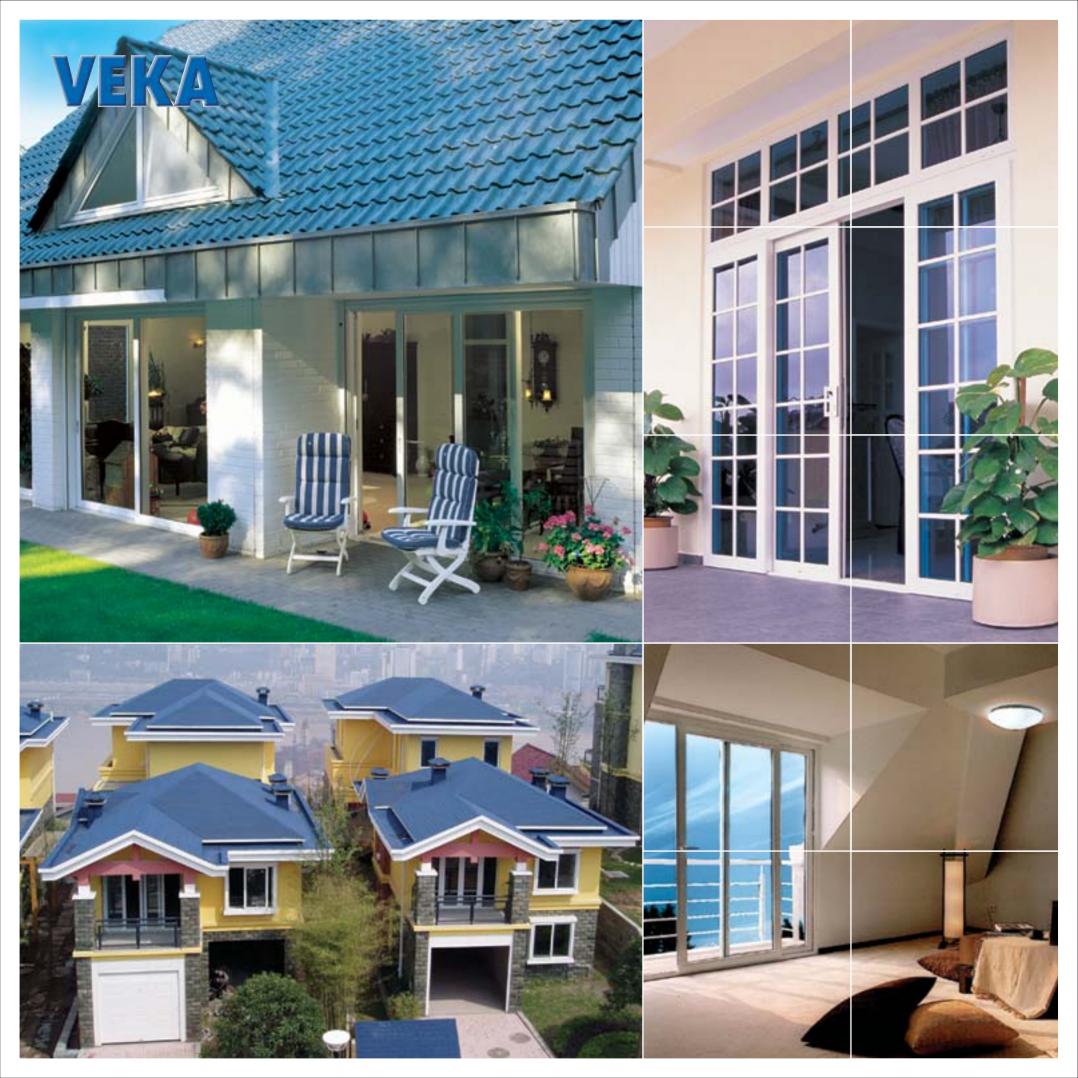
ltem	Article Nos./Description	Specifications
1	105.701 Sliding Window Frame (2 Track)	52 x 73
2	105.702 Sliding Window Sash	70 x 46
3	101.703 Adapter Profile 50/73mm	50 x 73
4	107.717 Glazing Bead	9.5 x 18
5	113.705 Galvanized Steel Reinforcement	8.5 x 24.5 x 1.5
6	113.728 Galvanized Steel Reinforcement	40 x 10 x 1.5
7	113.785 Galvanized Steel Reinforcement	23.5 x 34.5 x 1.5













Application >>

Suitable for used in residential developments, commercial buildings, factories, showrooms and hotels. Provides an alternative to conventional casement systems. The systems' compliance to various performance specific criteria makes it an ideal first choice in current construction market.

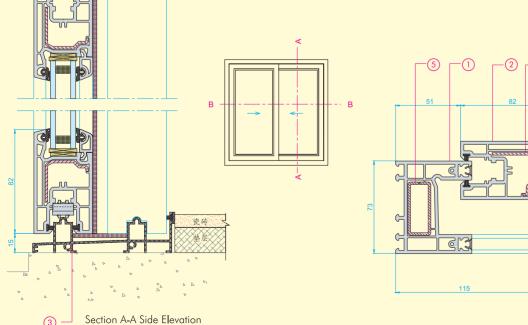
Product Features >>

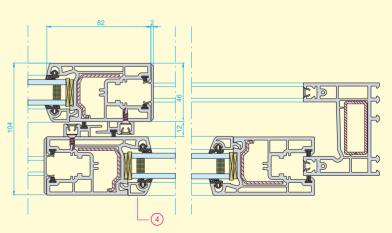
- 1> Main profiles wall thickness of ≥ 2.5mm is fully compliant to technical specifications as set forth in European standards, EN 12608 Class B.
- 2> The multiple chamber design enhances heat and sound insulation properties.
- 3> Galvanized steel reinforcement of thickness ≥ 2.0 mm imparts optimum stability to the system
- 4> System is capable of accepting a wide variety of glazing thickness by choosing different sized glazing bead from the VEKA range.
- 5> Aluminum kick plate is available for some configuration.
- 6> Color foil lamination and vacuum spray coating processes can be applied to the profile systems to satisfy the aesthetical needs for color co-ordinated windows in a development.

Glazing Bead Assembly Table >>

Glazing Bead	Glass Thickness (mm)		
107.714	3	4	5
107.717	19	20	21
107.710	22	23	24
<note> Glazing Gaskets: 112.750, 112.751</note>			

ltem	Article Nos./Description	Specifications
1	105.717 Sliding Door Frame (2 Track)	60 x 73
2	105.715 Sliding Door Sash	82 x 46
3	104.708 Aluminum Low Threshold for Sliding Door	109.5 x 32
4	107.717 Glazing Bead	9.5 x 18
5	113.724.2 Steel Reinforcement	18 x 40 x 2.0
6	113.788 Steel Reinforcement	34 x 33 x 2.0





Section B-B Plan Elevation



K-LINE Vertical Sliding Window System

Application >>

Unique American style of operation makes this window system and ideal choice for residential developments like apartment blocks, bungalows, villas, schools, hospitals and hotel. The systems' compliance to various performance specific criteria makes it an ideal first choice in current construction market.

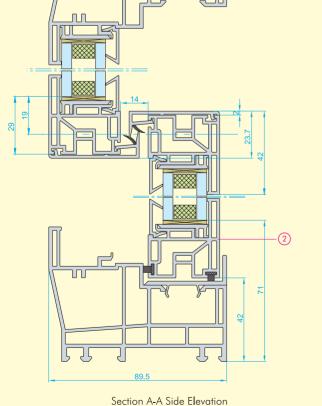
Product Features >>

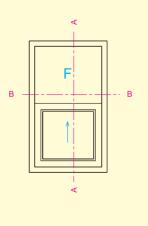
- 1 > 89.5mm front to back section design and thickness of main profiles wall fully complies with requirements of American window systems.
- 2> Multiple chamber design enhances heat and sound insulation properties.
- 3> The use of special hardware imparts vertical sliding capabilities to the window sashes, different from conventional casements and sliders.
- 4> In areas where high windload is a concern, additional reinforcement of thickness ≥ 1.5 mm is used to increase the static strength for resisting wind pressure and also to facilitate installation of hardware.

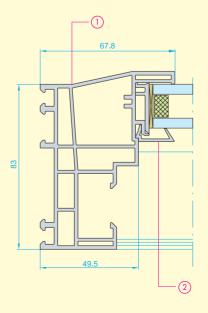
Glazing Bead Assembly Table >>

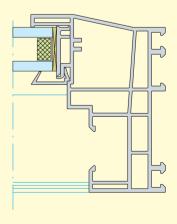
Glazing Bead	Glass Thickness (mm)	
107.732	18	
107.731	22	

ltem	Article Nos./Description	Specifications
1	105.731 Vertical Sliding Window Frame	67.8 x 89.5
2	105.732 Vertical Sliding Window Sash	36 x 40
3	107.731 Glazing Bead	6.6 x 18









Section B-B Plan Elevation



SL153 Lift & Sliding Door System

Application >>

It is widely used in top class building structures, such as bungalows or villas, luxurious or boutique hotels, premium quality condominiums and showrooms. This system is able to satisfy the most stringent requirements in terms of weather tightness, thermal and acoustic insulation thus providing the residents with the highest level of comfort and greatly enhances the inhabitants' living or working environment.

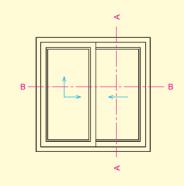
Product Features >>

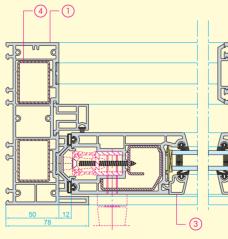
- 1> Main profile wall thickness of 3 mm fully complies with European standards, EN 12608 - Class A.
- 2> The profiles are dimensionally stable and offer optimum stability thanks to special generously designed wall thickness, internal webs and steel reinforcement. A maximum door size of 5000(W)x2600(H) can be built with this system.
- 3> Imported hardware tailored made for the lift and sliding door system allows for easy lifting of the door sash and a smooth sliding operation.
- 4> Hardware is equipped with reliable locking device that can fix the door sash at any given position.
- 5> Unique four buffer seals further enhance weather tightness of this system.
- 6> By utilizing additional components to the hardware, lift and slide plus an additional tilt function for the sash is achievable.

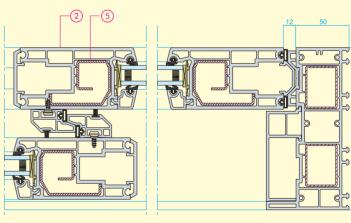
Glazing Bead Assembly Table >>

Glazing Bead	Glass Thickness (mm)		
107.734	4	5	6
107.711	15	16	17
107.736	19	20	21
107.045	20	21	22
<note> Glazing (</note>	<note> Glazing Gaskets: 112.750, 112.751</note>		
107.043	24	25	26
<note> Glazing Gaskets: 112.750, 112.753</note>			

	ltem	Article Nos./Description	Specifications
	1	105.302 Lifting & Sliding Door Frame	78 x 153
	2	105.793 Lifting & Sliding Door Sash	110 x 58
	3	107.736 Glazing Bead	17.5 x 18
	4	113.729 Galvanized Steel Reinforcement	30 x 40 x 1.5
	5	113.774.2 Galvanized Steel Reinforcement	42 x 56 x 2.0

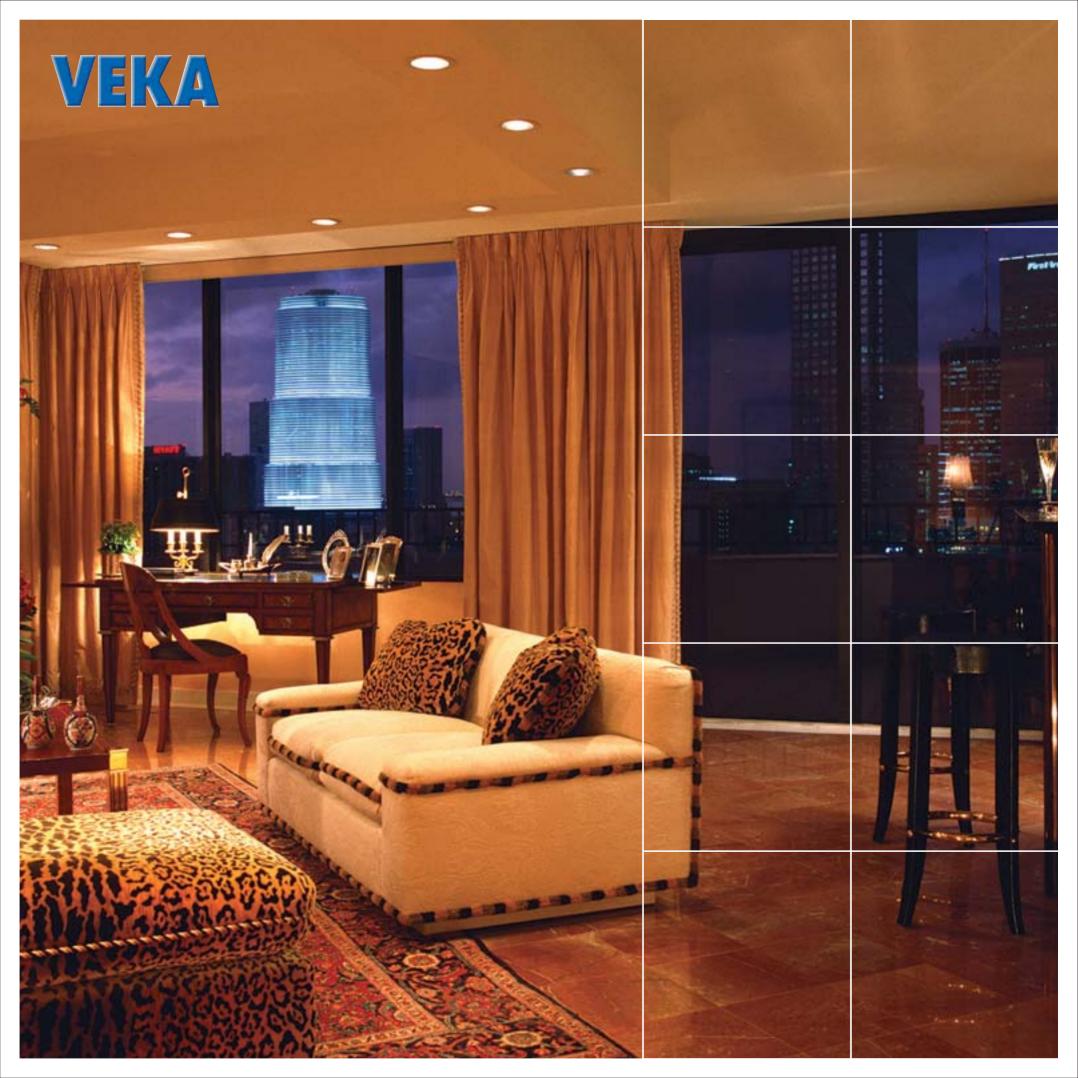






Section A-A Side Elevation

Section B-B Plan Elevation



SL60 2-Track COEX Sliding Window System

Application >>

Ideal for new construction or retrofit projects with specified color scheme requirements on the exterior facades. It is widely used in high end condominiums and apartment buildings, bungalows or villas, hotels or resorts to further accentuate the design features of building structures. Also used in high rise commercial buildings to satisfy the rigorous requirements on weathering performance.

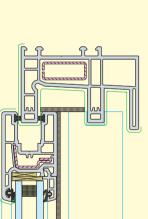
Product Features >>

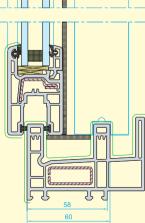
- 1> Thickness of main profile wall completely complies with thickness requirements (A Class) 1) Main profiles wall thickness of ≥ 2.8mm is fully compliant to technical specifications as set forth in European standards, EN 12608 -Class A.
- 2> The multiple chamber design enhances heat and sound insulation properties.
- 3> Galvanized steel reinforcement of thickness ≥ 1.5 mm imparts optimum stability to the system
- 4> System is capable of accepting a wide variety of single or double glaze units by choosing different sized glazing bead from the VEKA range.
- 5> Frame to sash cavity of 13mm meets installation requirements of latest German hardware.
- 6> External colored surface is co-extruded with a revolutionary new material with high weather resistance and high impact strength.

Glazing Bead Assembly Table >>

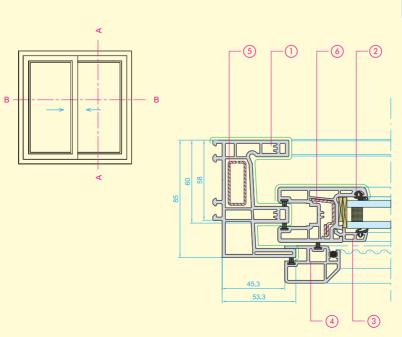
Glazing Bead	Glass Thickness (mm)			
107.044	4	5	6	
107.710	18	19	20	
<note> Glazing Gaskets: 112.750, 112.751</note>				

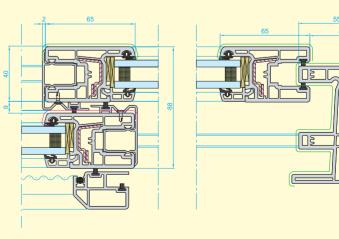
ltem	Article Nos./Description	Specifications
1	105.723 SL60 Sliding Window Frame (2-Track with Fly-Screen Rail)	60 x 85
2	105.724 Sliding Window Sash	68 x 40
3	107.710 Glazing Bead	6.5 x 18
4	105.713 Fly Screen Sash	40 x 27
5	113.704 Steel Reinforcement	32.5 x 13 x 1.5
6	113.706 Steel Reinforcement	28 x 15 x 1.5





Section A-A Side Elevation





Section B-B Plan Elevation





Application >>

Suitable for used in residential developments, commercial buildings, factories, schools, hospitals and hotels. Provides an alternative to conventional casement systems. The systems' compliance to various performance specific criteria makes it an ideal first choice in current construction market.

Product Features >>

- 1> Main profiles wall thickness is fully compliant to technical specifications as set forth in European standards, EN 12608 Class B.
- 2> The multiple chamber design enhances heat and sound insulation properties.
- 3> System is capable of accepting a wide variety of single or double glaze units by choosing different sized glazing bead from the VEKA range.
- 4> Profile section and thickness are designed to minimize fabrication wastage and reduce door cost.
- 5> Door Constructions with up to 6 Sashes are possible, opening area 2/3 of the door.

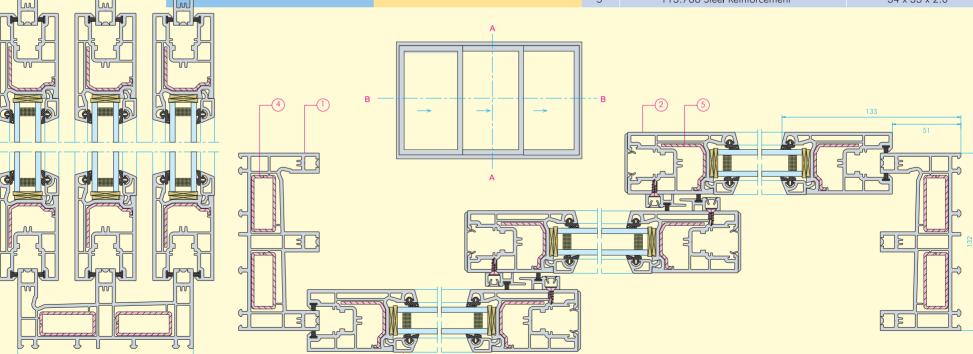
Glazing Bead Assembly Table >>

Glazing Bead	Glass Thickness (mm)			
107.714	3	4	5	
107.717	19	20	21	
107.710	22	23	24	
<note> Glazing Gaskets: 112.750, 112.751</note>				

Profiles & Accessories Table >>

Section B-B Plan Elevation

ltem	Article Nos./Description	Specifications
1	105.720 3-Track Door Frame	60 x 132
2	105.715 Sliding Door Sash	82 x 46
3	107.717 Glazing Bead	9.5 x 18
4	113.724.2 Steel Reinforcement	18 x 40 x 2.0
5	113.788 Steel Reinforcement	34 x 33 x 2.0



Section A-A Side Elevation

104.768 Aluminum threshold

104.708 Aluminum threshold 104.709 Aluminum threshold PROFILE CHART GLAZING BEADS

PROFILE CHART COUPLING PROFILES