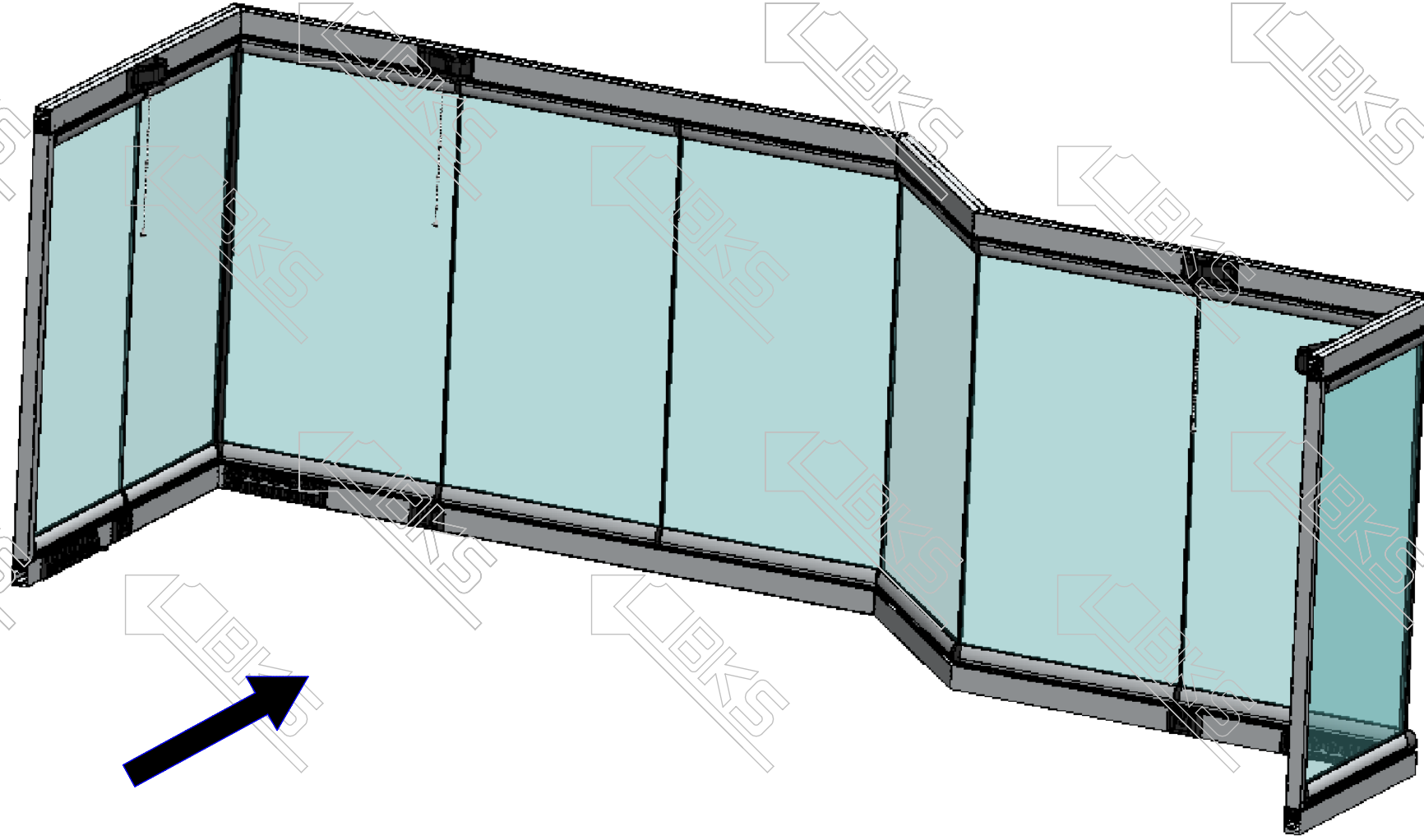


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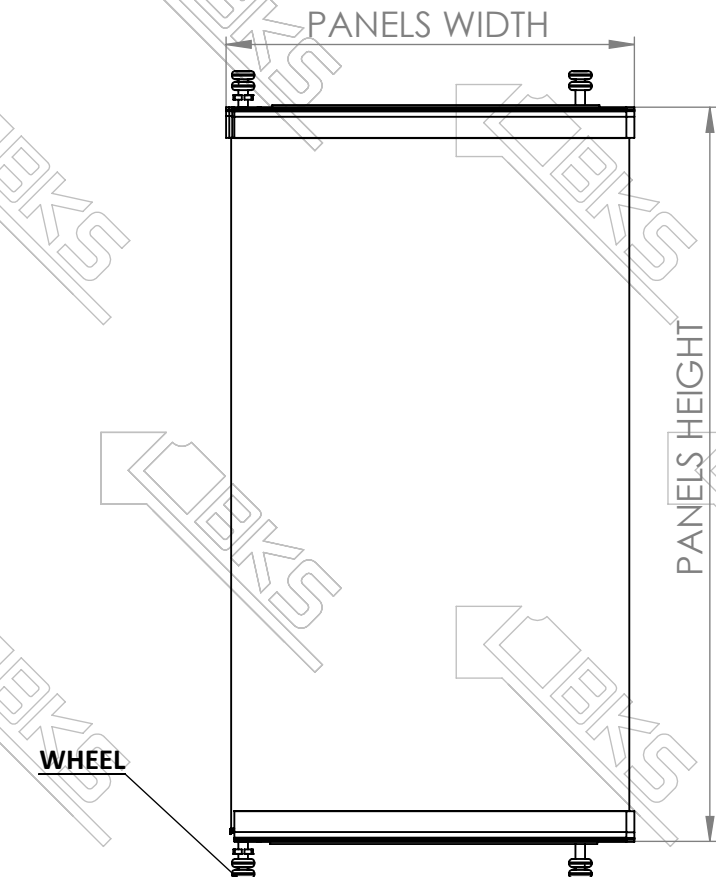
1.BKS FRAMELESS BALCONY GLAZING SYSTEM OVERVIEW



GENERAL INFORMATION:

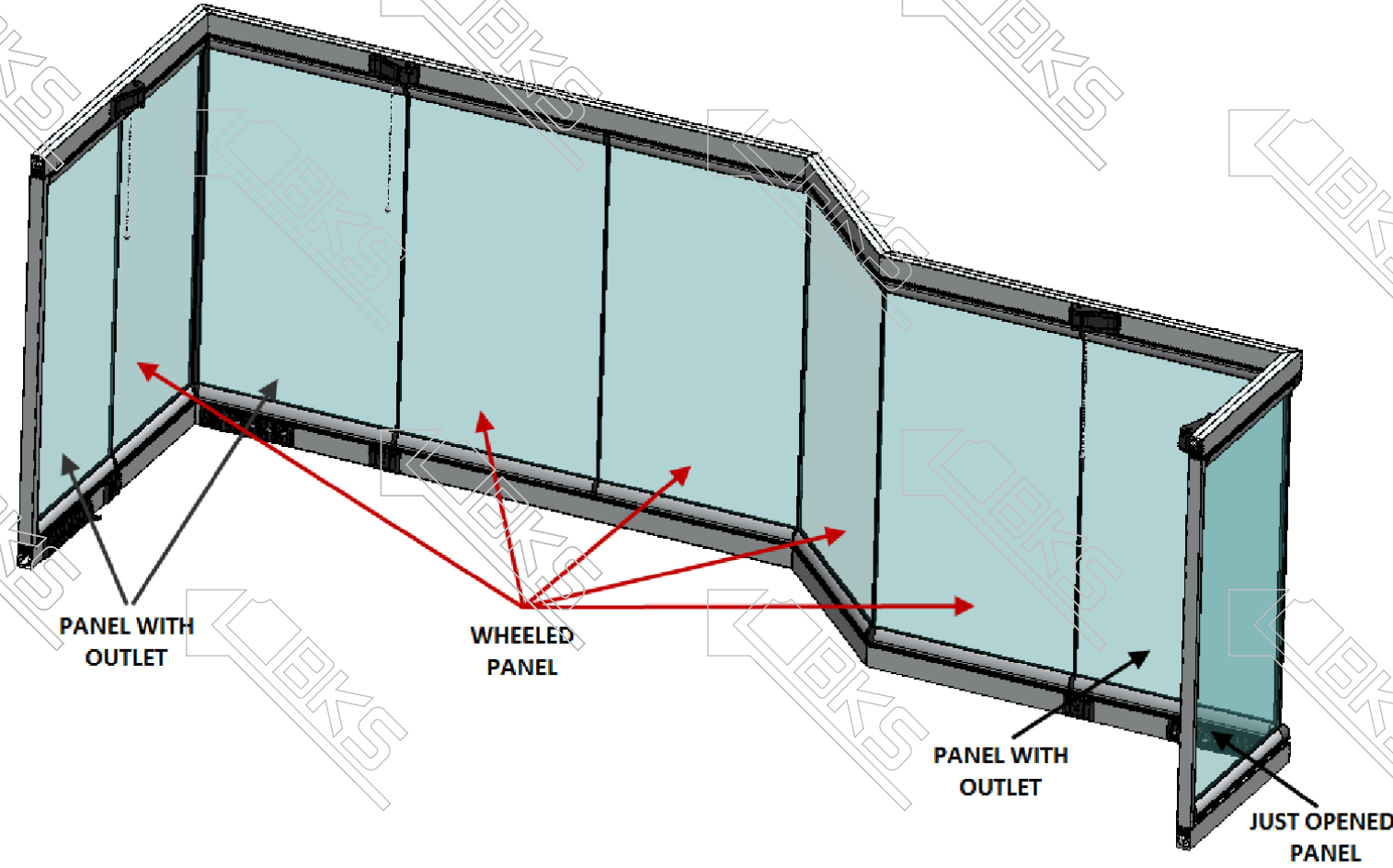
- ◆ THE MAXIMUM 6 PANELS IN ONE OUTLET ARE RECOMMENDED.
- ◆ MAXIMUM GLASS PANELS WIDTH : 700 MM
- ◆ RECOMMENDED GLASS PANELS WIDTH : 550-600 MM

	SYSTEM CAPACITY	RECOMMENDED
◆ PANELS HEIGHT FOR 10 MM GLASS :	3000 MM	3000 MM
◆ PANELS HEIGHT FOR 8 MM GLASS :	3000 MM	2500 MM
◆ PANELS HEIGHT FOR 6 MM GLASS :	3000 MM	1800 MM

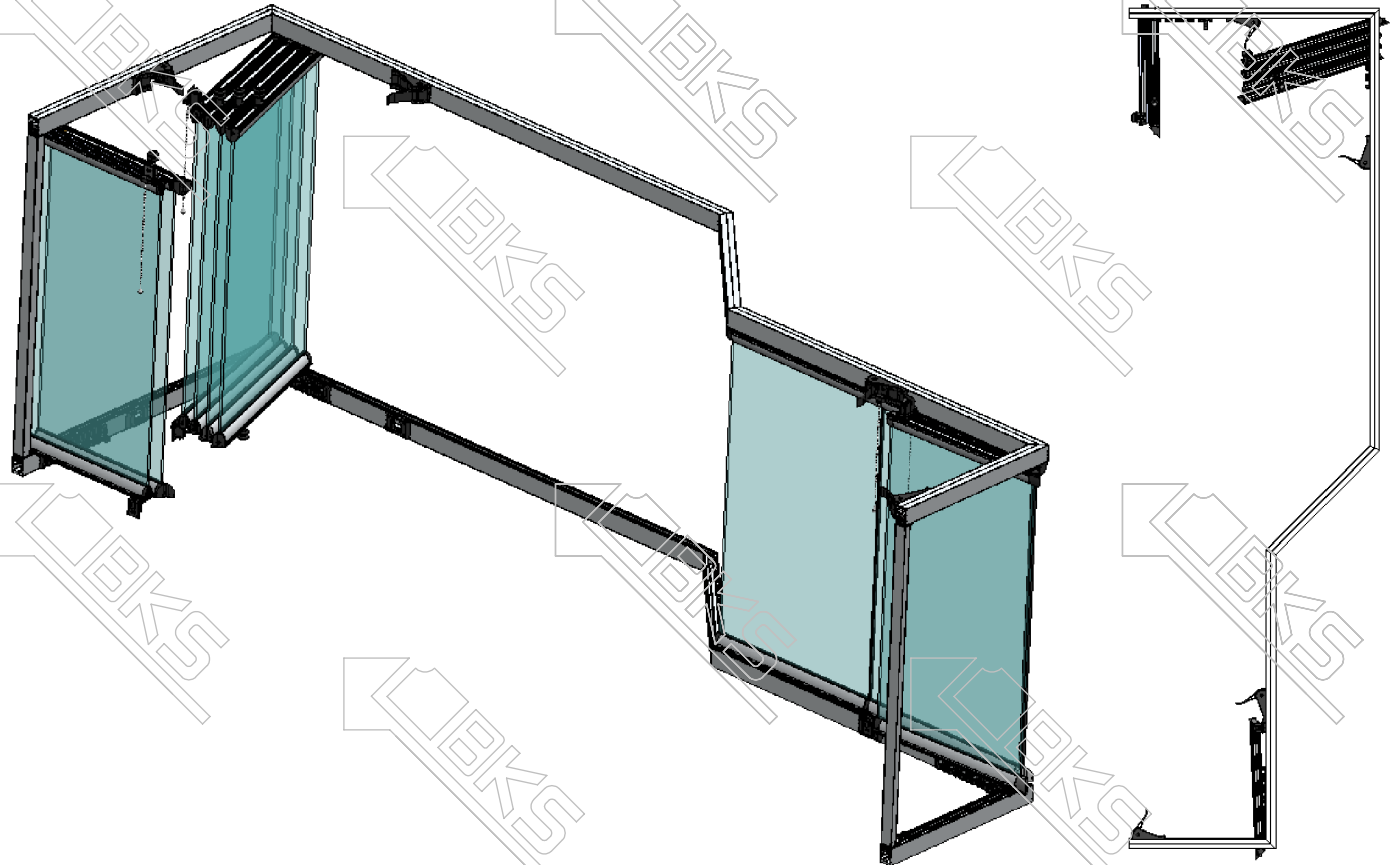


1.1. BKS FRAMELESS BALCONY GLAZING SYSTEM OVERVIEW

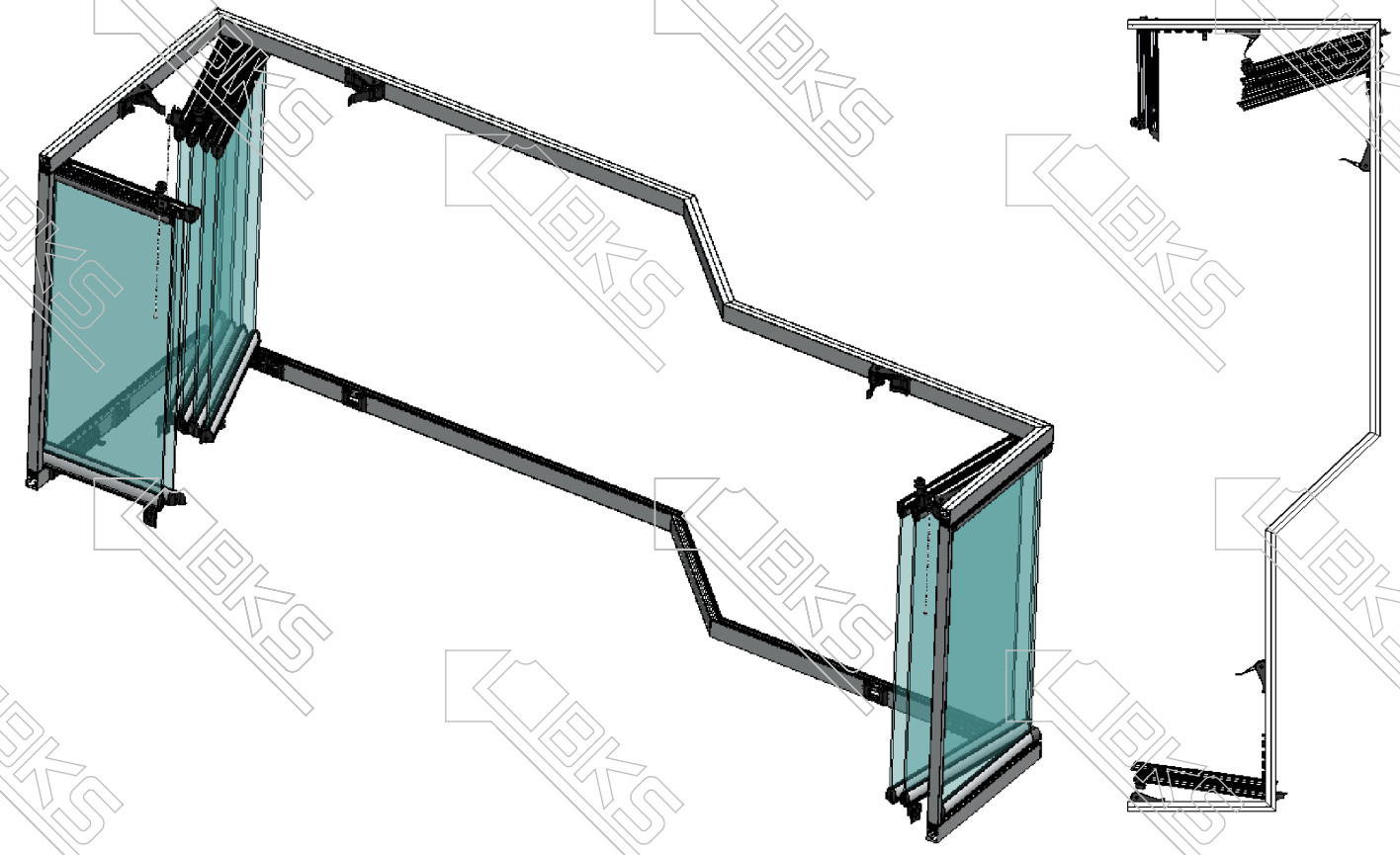
PICTURE OF BKS FRAMELESS BALCONY GLAZING SYSTEM



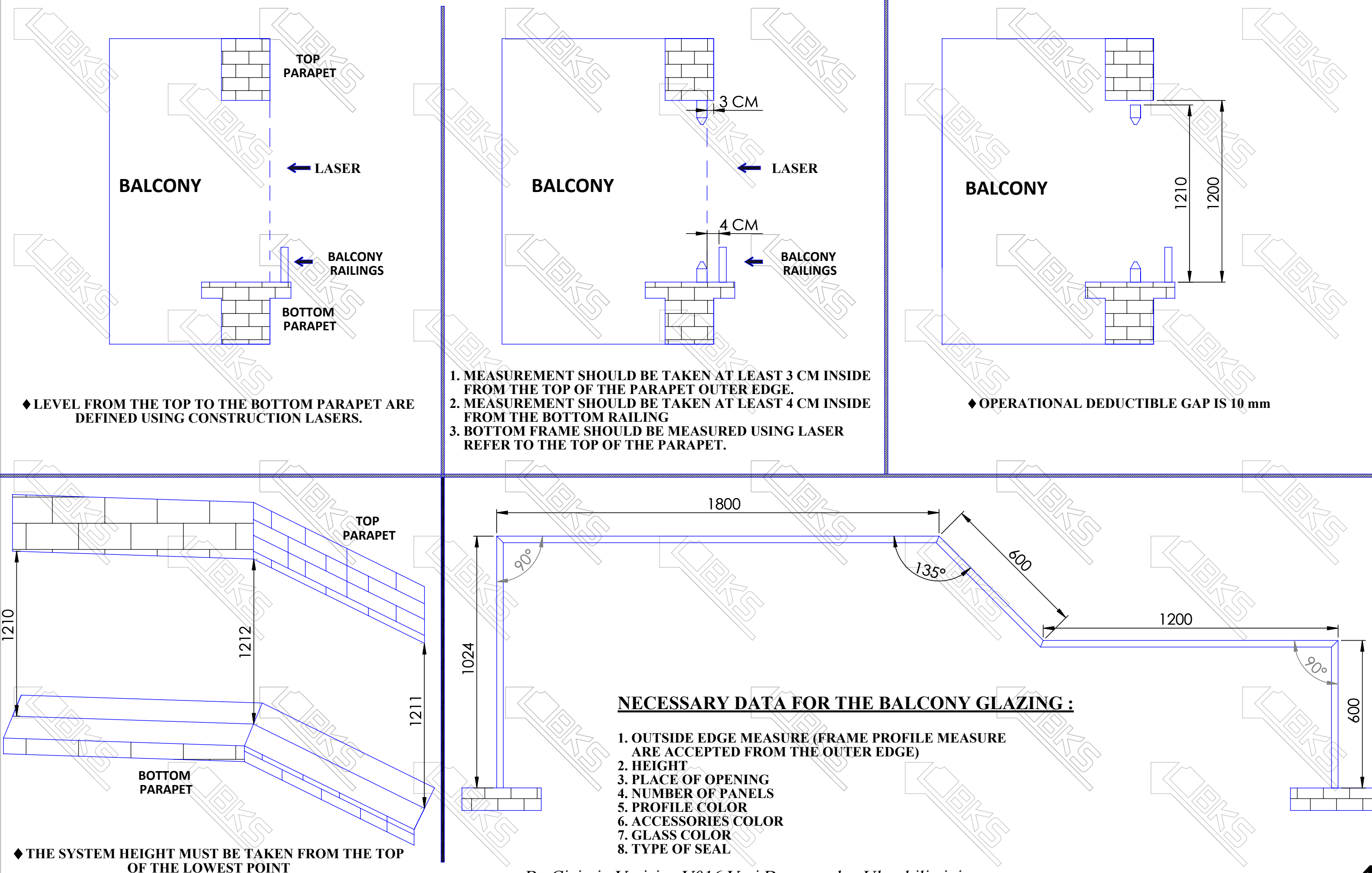
OPENED PANEL SYSTEM-1



OPENED PANEL SYSTEM-2



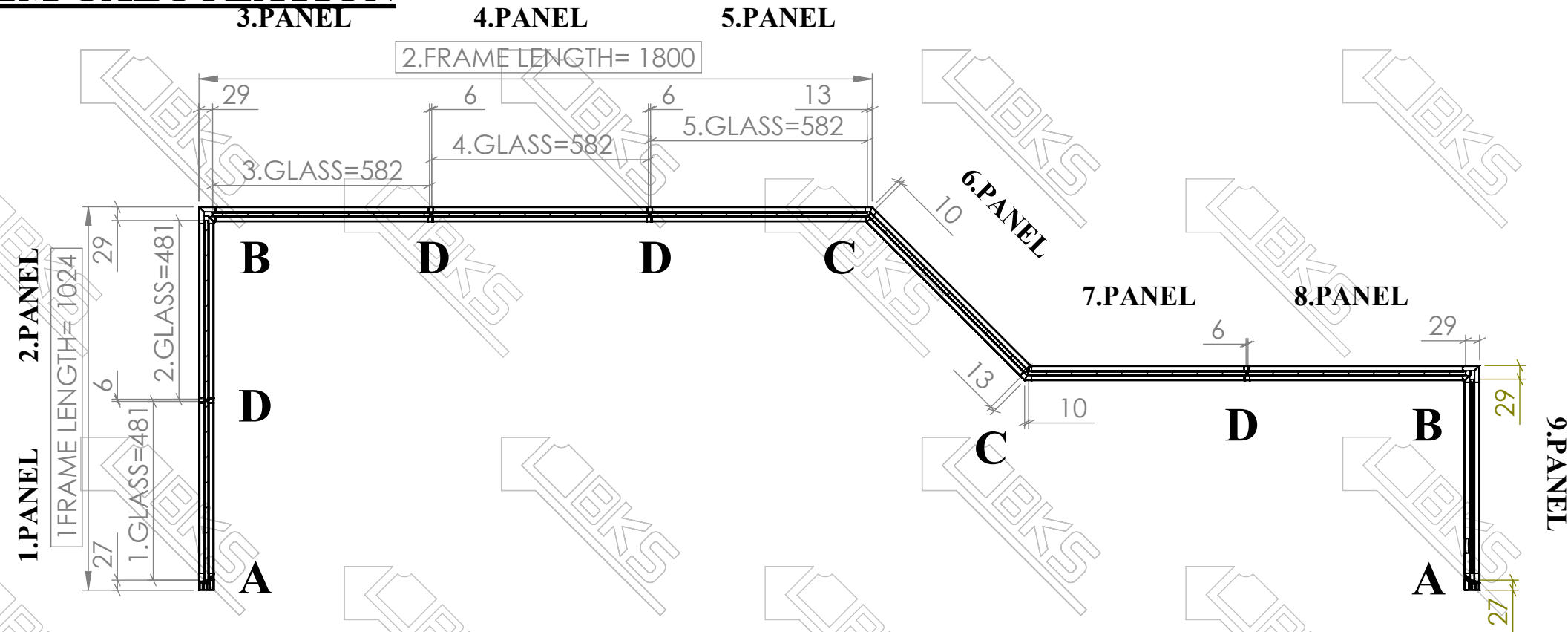
2. BKS FRAMELESS BALCONY SYSTEM MANAGEMENT OF TAKING MEASURE



3. BKS FRAMELESS BALCONY SYSTEM CALCULATION

3.1.GLASS CALCULATION GUIDE:

CALCULATION TABLE FOR GLASS WIDTH		
SIDE COLUMN WIDTH PLUS GAP BETWEEN SIDE COLUMN AND GLASS	A	27 MM
90 ANGLE GAP	B	29 MM
135 ANGLE GAP	C	10-13 MM
GAP BETWEEN 2 PLAIN PANEL	D	6 MM



EXAMPLE OF CALCULATION:

SYSTEM HEIGHT : 1200 MM

FORMULA: GLASS WIDTH CALCULATION

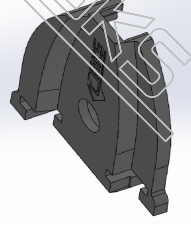
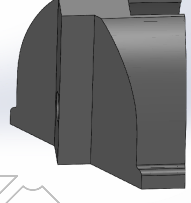
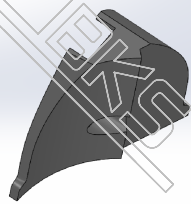
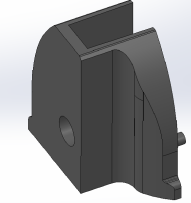
$$\begin{aligned}
 & \text{1. FRAME LENGTH } 1024 \text{ MM} - \text{A } 27 \text{ MM} - \text{D } 6 \text{ MM} - \text{B } 29 \text{ MM} \div \text{PANEL NUMBER } 2 = \text{FIRST AND SECOND PANEL WIDTH } 481 \text{ MM} \\
 & \text{2. FRAME LENGTH } 1800 \text{ MM} - \text{B } 29 \text{ MM} - \text{D } 6 \text{ MM} - \text{D } 6 \text{ MM} - \text{C } 13 \text{ MM} \div \text{PANEL NUMBER } 3 = \text{THIRD, FOURTH AND FIFTH PANELS WIDTH } 582 \text{ MM}
 \end{aligned}$$

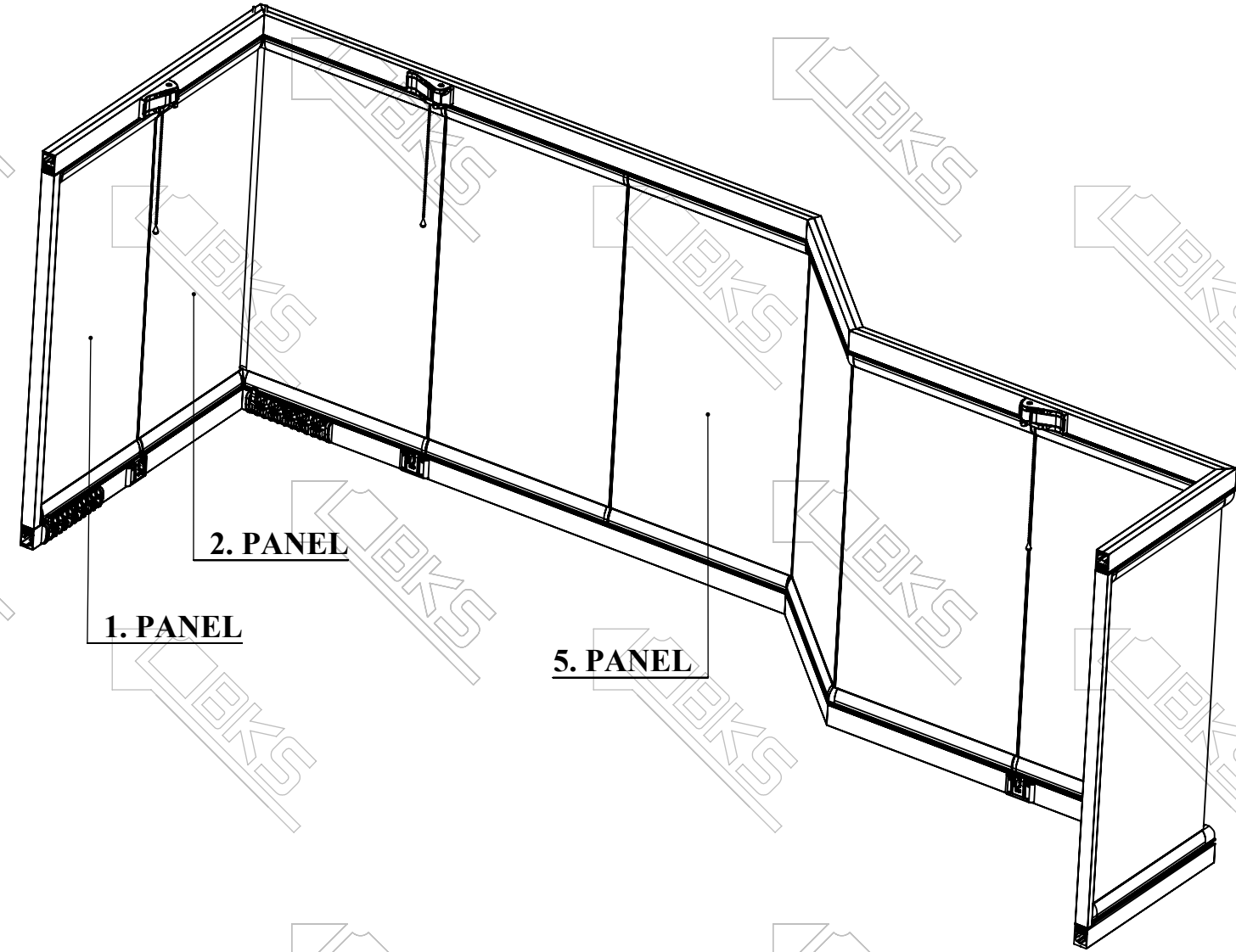
FORMULA: GLASS HEIGHT CALCULATION

$$\begin{aligned}
 & \text{SYSTEM HEIGHT } 1200 \text{ MM} - \left(\text{FRAME PROFILE HEIGHT } 60 \text{ MM} + \text{GAP BETWEEN FRAME AND BASE PROFILE } 6 \text{ MM} + \text{BASE PROFILE HEIGHT } 45 \text{ MM} - \text{BASE PROFILE INNER HEIGHT } 25 \text{ MM} \right) \times 2 = \text{GLASS HEIGHT } 1028 \text{ MM} \\
 & \text{SYSTEM HEIGHT } 1200 \text{ MM} - 172 \text{ MM} = \text{GLASS HEIGHT } 1028 \text{ MM}
 \end{aligned}$$

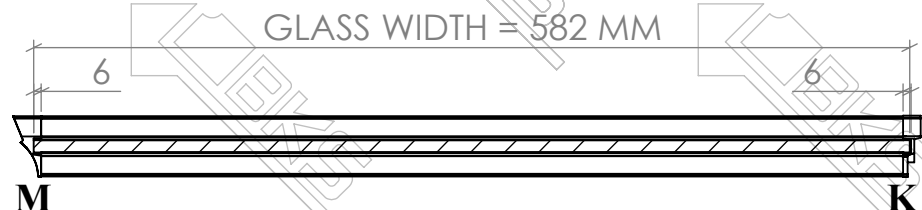
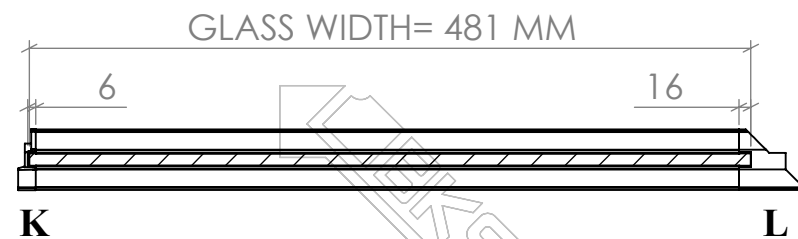
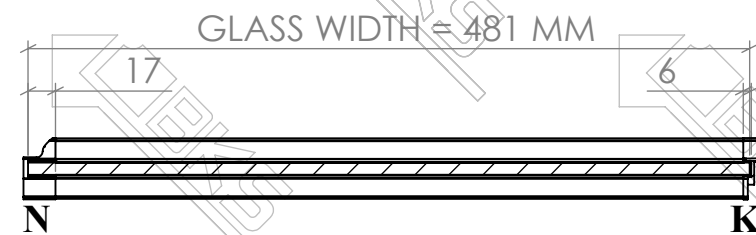
3.2.BASE PROFILE CALCULATION METHOD

BASE PROFILE CALCULATION TABLE

INTERMEDIATE PLAIN BASE COVER		K	6 MM
90 DEGREE COVER		L	16 MM
135 DEGREE COVER		M	6 MM
BASE SIDE COLUMN COVER		N	17 MM



EXAMPLE OF CALCULATION:



1.BASE CALCULATION FORMULA:

$$\text{GLASS WIDTH } 481 \text{ MM} - \text{N } 17 \text{ MM} - \text{K } 6 \text{ MM} = \text{BASE LENGHT } 458 \text{ MM}$$

2.BASE CALCULATION FORMULA:

$$\text{GLASS WIDTH } 481 \text{ MM} - \text{K } 6 \text{ MM} - \text{L } 16 \text{ MM} = \text{BASE LENGHT } 459 \text{ MM}$$

5.BASE CALCULATION FORMULA:

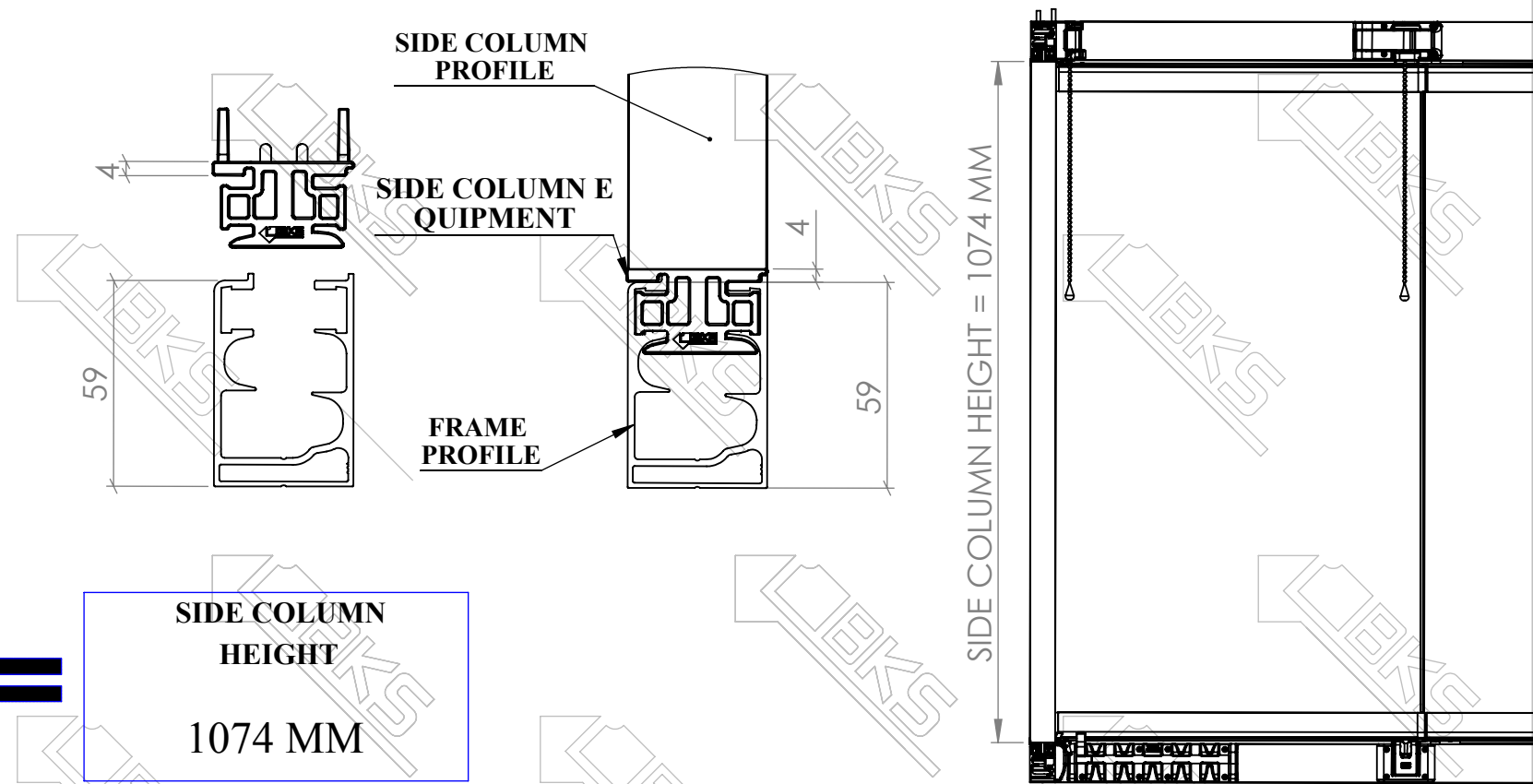
$$\text{GLASS WIDTH } 582 \text{ MM} - \text{M } 6 \text{ MM} - \text{K } 6 \text{ MM} = \text{BASE LENGHT } 570 \text{ MM}$$

3.3.SIDE COLUMN PROFILE CALCULATION METHOD

SIDE COLUMN PROFILE CALCULATION METHOD	
GAP BETWEEN FRAME PROFILE AND SIDE COLUMN EQUIPMENT	59 MM
GAP BETWEEN SIDE COLUMN EQUIPMENT AND SIDE COLUMN PROFILE	4 MM

FORMULA:

$$\begin{aligned}
 & \text{SYSTEM HEIGHT} \\
 & 1200 \text{ MM} \\
 & - 2 \times \left(\text{DISTANCE BETWEEN SIDE COLUMN PROFILE AND THE STARTING POINT OF THE FRAME PROFILE} \right) \\
 & \quad 63 \text{ MM} \\
 & = \text{SIDE COLUMN HEIGHT} \\
 & \quad 1074 \text{ MM} \\
 \\
 & \text{SYSTEM HEIGHT} \\
 & 1200 \text{ MM} \\
 & - \\
 & 126 \text{ MM} \\
 & = \text{SIDE COLUMN HEIGHT} \\
 & \quad 1074 \text{ MM}
 \end{aligned}$$

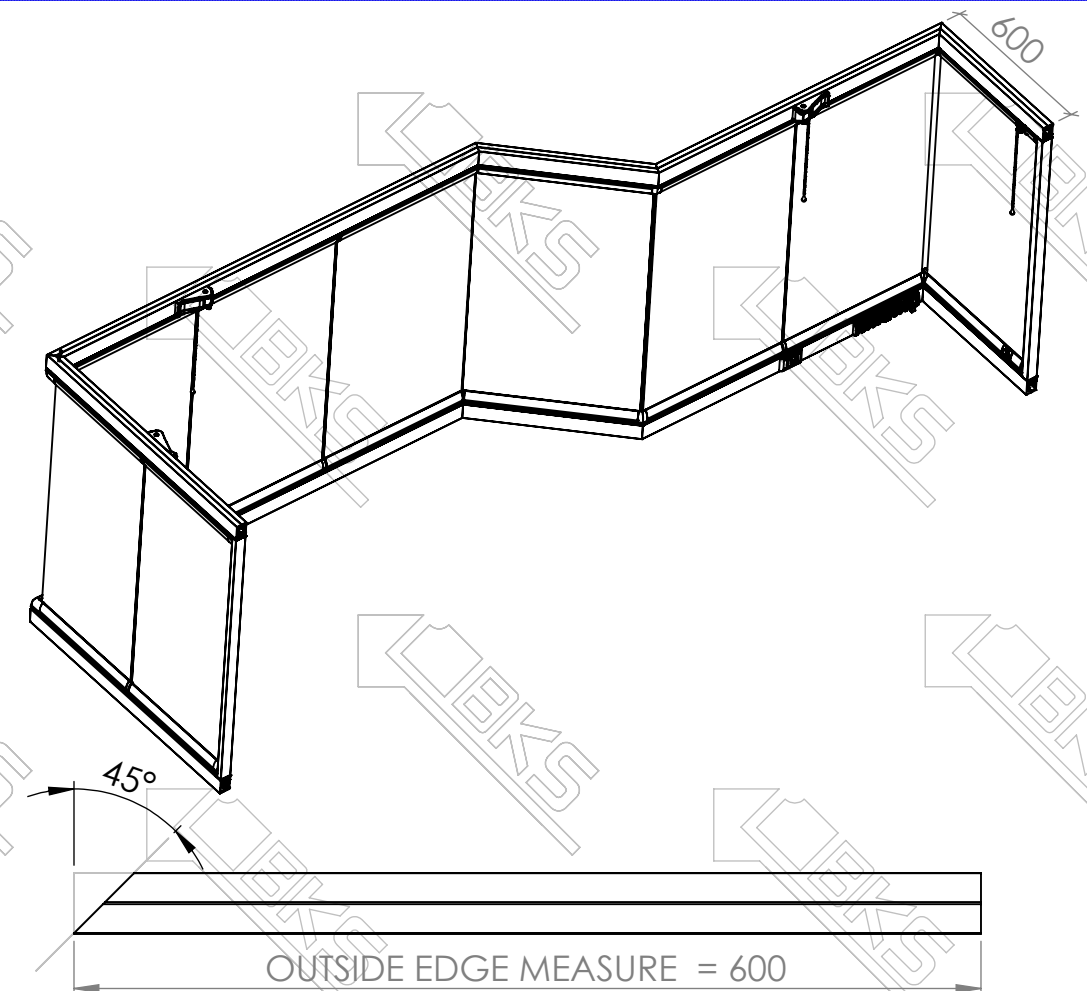


3.4.FRAME PROFILE CALCULATION METHOD

- ◆ AS MENTIONED BEFORE BALCONY MEASURES ARE ACCEPTED FROM THE OUTER EDGE OF THE FRAME PROFILE
- ◆ FRAME PROFILE IS CUT ACCORDING TO OUTER MEASURE
- ◆ TOP AND BOTTOM FRAME PROFILES FOR PLAIN BALCONIES ARE CUT STRAIGHT
- ◆ TOP AND BOTTOM FRAME PROFILES FOR 90 DEGREE BALCONIES ARE CUT PER 45 DEGREE EACH SIDE.
- ◆ TOP AND BOTTOM FRAME PROFILES FOR 135 DEGREE BALCONIES ARE CUT PER 22.5 DEGREE EACH SIDE.

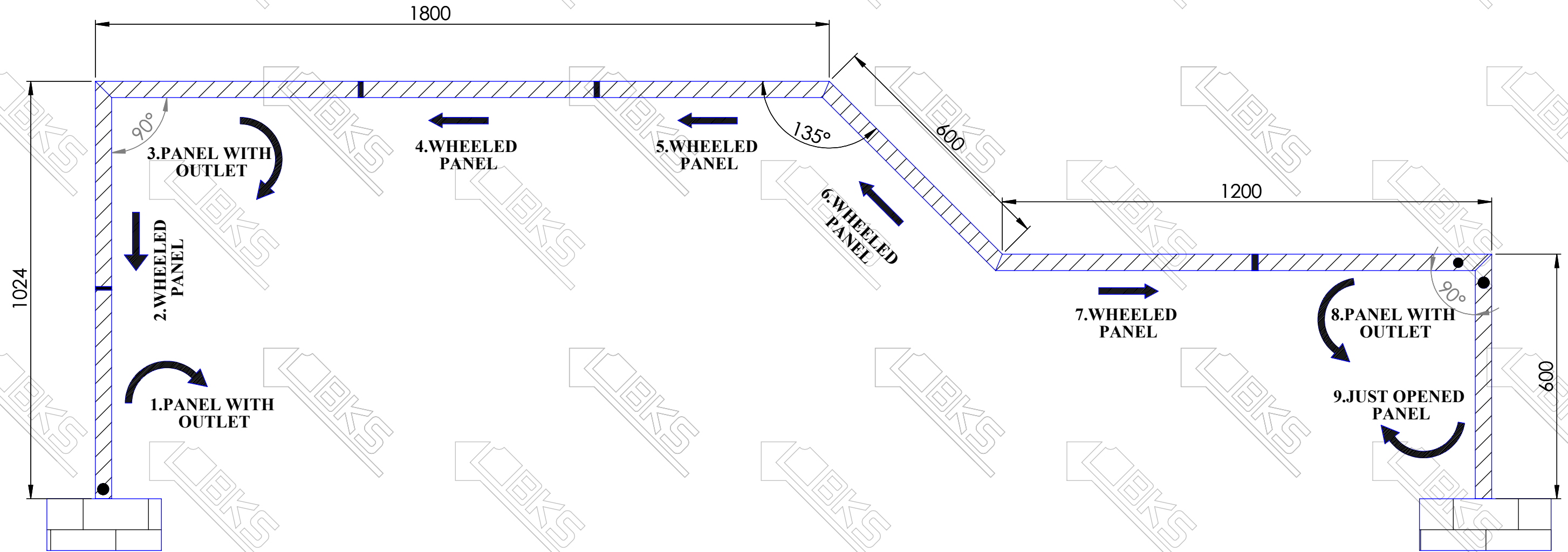
FORMULA:

$$\left(180^\circ - \text{ANGLE DEGREE} \right) / 2 = \text{FRAME PROFILE CUTTING ANGLE}$$



3.5.EXAMPLE OF CALCULATION

- ◆ THE DRAWING SHOWS BALCONY DIMENSIONS OBTAINED BY DESCRIBED METHOD IN CHAPTER MANAGEMENT OF TAKING MEASURE
- ◆ FRAME PROFILE MEASURE ARE ACCEPTED FROM THE OUTER EDGE
- ◆ AFTER TAKING MEASUREMENTS BALCONY PRODUCTION PLAN WAS PREPARED

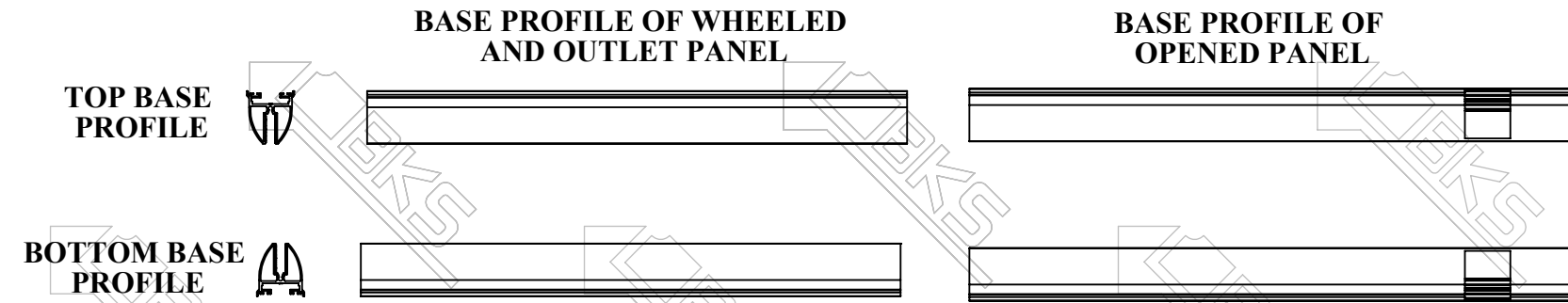


- ◆ FRAME PROFILE DATA AND AVAILABILITY OF CORNER GET BASE FOR GLASS DIMENSION.
- ◆ THE GLASS DIMENSION GETS BASE FOR BASE PROFILE CALCULATION AND ALSO REFER TO TABLE "BASE PROFILE CALCULATION GUIDE "
- ◆ CALCULATION OF SIDE PROFILE BASED ON A FORMULA, AS DEFINED ABOVE.

4. BKS BALCONY GLAZING PRODUCTION GUIDE

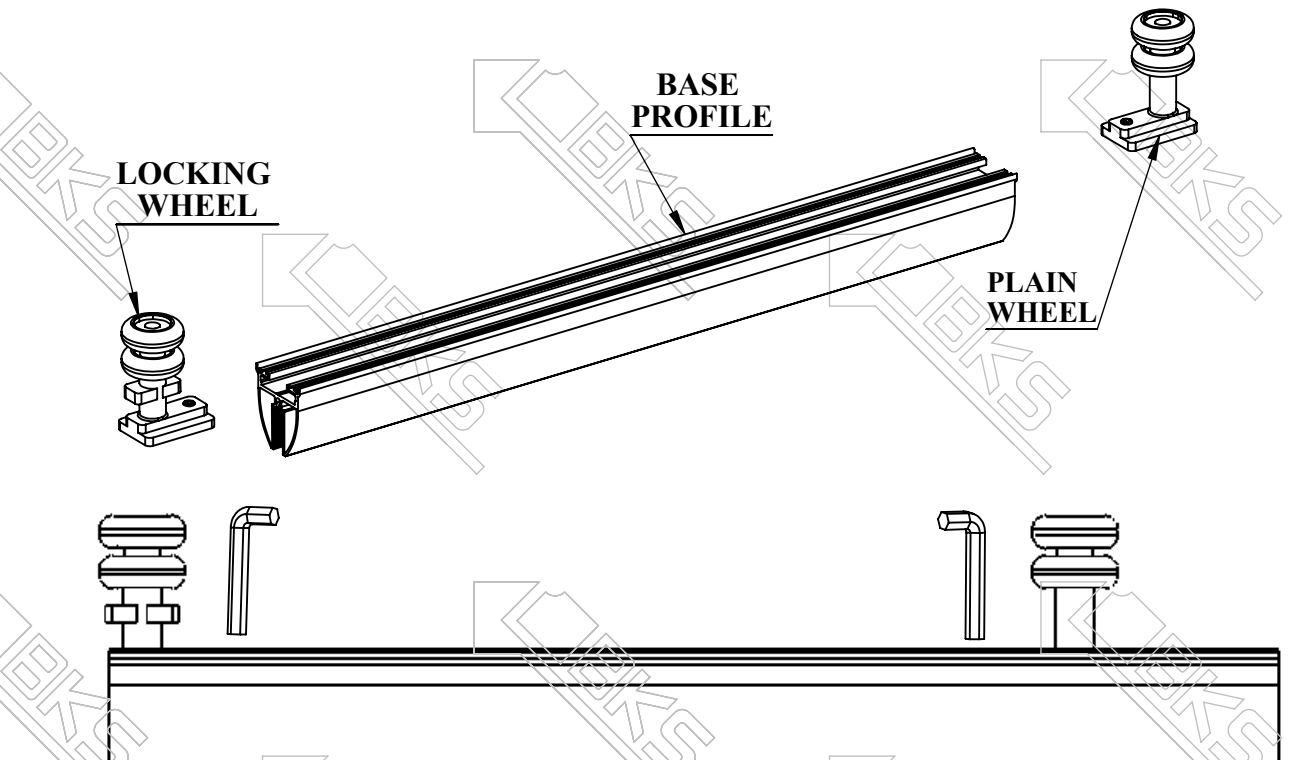
1. STEP

- ◆ PRODUCTION PLAN CAN BE MADE BY DRAWING PROGRAM www.cambalkoncular.com/en OR BY DESCRIBED CALCULATION METHOD IN CATALOGUE
- ◆ BASE PROFILE IS CUT FROM LEFT TO RIGTH SIDE ACCORDING TO PLAN
- ◆ MORTISE LOCK SHOULD BE INSTALLED TO BASE PROFILE OF OPENED PANEL FROM BOTTOM AND TOP AS DESCRIBED AT THE PICTURE.



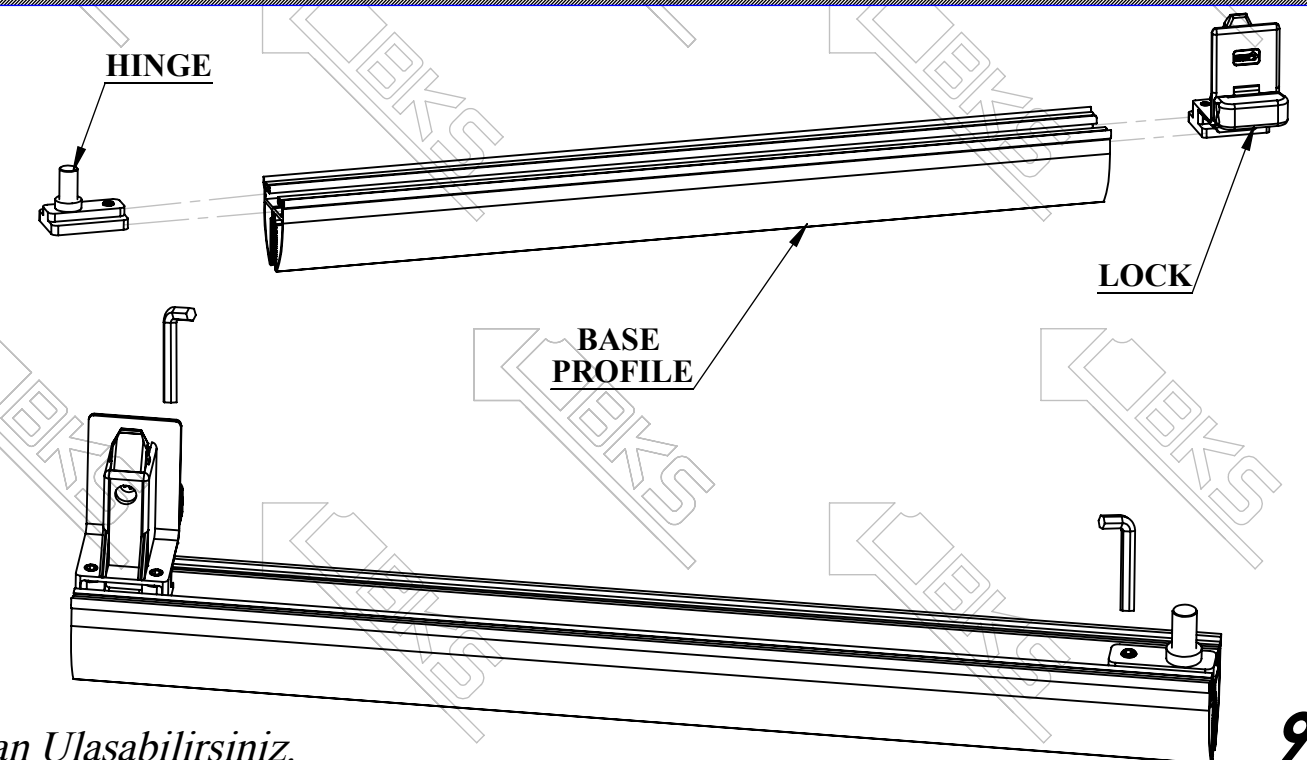
2. STEP

- ◆ LOCKING WHEELS ARE ADJUSTED TO THE VERY END OF THE WHEELED PANEL BASE PROFILE AND THE SCREWS ARE TIGHTENED WITH ALLEN WRENCH.
- ◆ PLAIN WHEELS ARE ASSEMBLED ON THE OTHER SIDE OF THE PROFILES, BUT THEIR SCREWS ARE NOT TIGHTENED. ONLY AFTER INSTALLING BALCONY, PLAIN WHEELS MAY BE SCREWED.

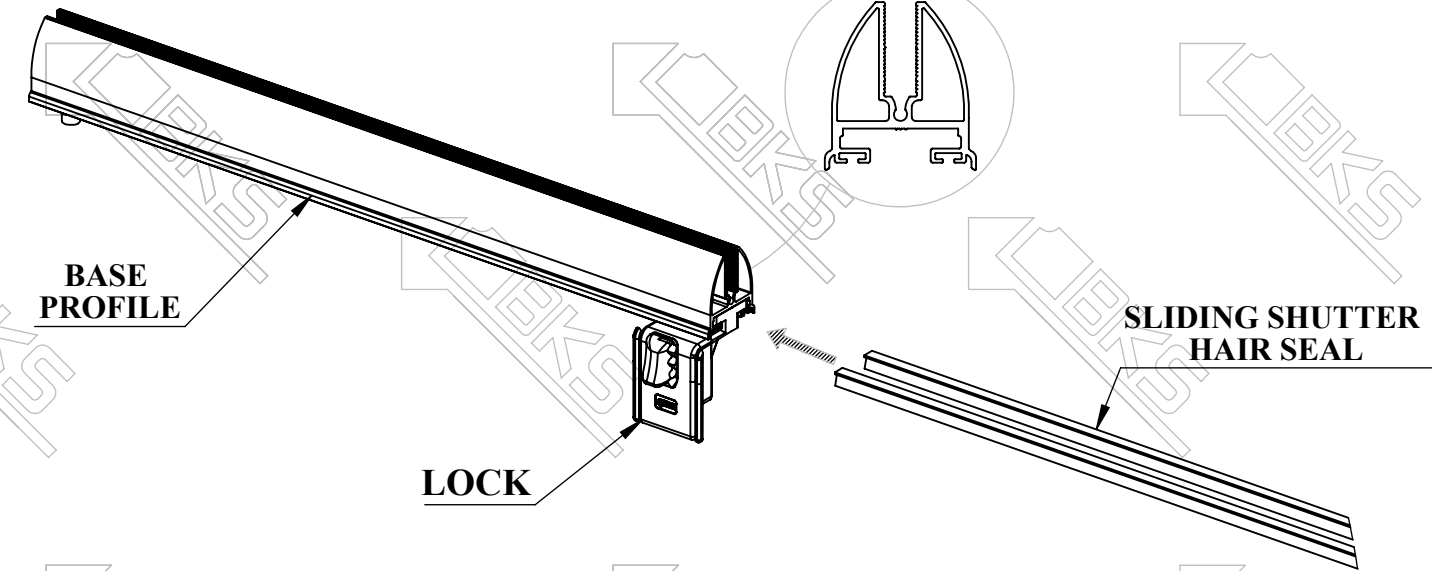


3. STEP

- ◆ FOR OPENING PANELS, PLAIN WHEELS OR HINGE ARE ASSEMBLED TO THE VERY END OF THE BASE PROFILE AND THE SCREWS ARE TIGHTENED WITH ALLEN WRENCH.
- ◆ FOR OPENING PANELS, LUX LOCK IS ASSEMBLED TO THE OTHER SIDE OF THE BASE PROFILE AND THE SCREWS ARE TIGHTENED WITH ALLEN WRENCH.



- 4. STEP** ◆ SLIDING SHUTTER HAIR SEAL IS PLACED INTO THE CHANNELS UNDER THE BASE PROFILE.

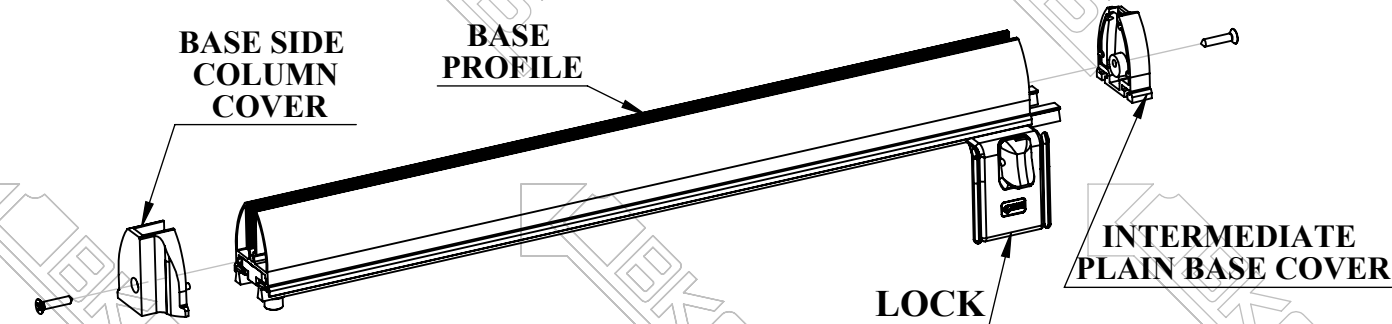


- 5. STEP** ◆ HAIR SEAL IS CUT AS LONG AS THE BASE COVER CAPS.



- 6. STEP** ◆ DEPENDING ON THE BALCONY ANGLE RELATED COVER IS DRILLED ON THE PROFILE.

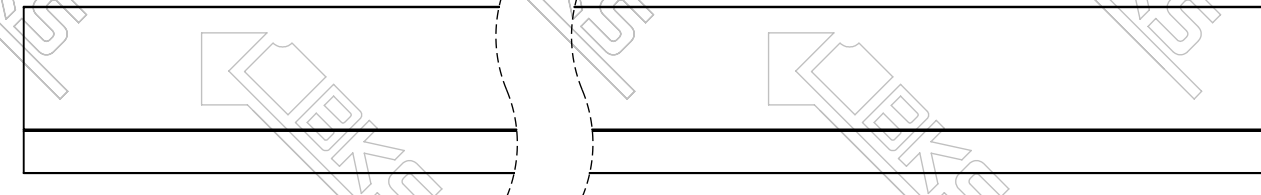
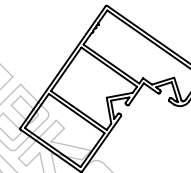
- ◆ INTERMEDIATE PLAIN BASE COVER,
- ◆ BASE SIDE COLUMN COVER,
- ◆ BASE INTERMEDIATE COVER 90° ,
- ◆ BASE INTERMEDIATE COVER 135°
- ◆ OVAL COVER.



- 7. STEP** ◆ AFTER ASSEMBLING THE BASE COVERS, HAIR SEAL EXCESS IS CUT AND THE LENGTH OF THE SEAL IS EQUALIZED TO THE PROFILE.
- ◆ THEN SLIDING SHUTTER HAIR SEAL IS TIGHTENED IN THE CHANNEL TO PREVENT SLIDING.

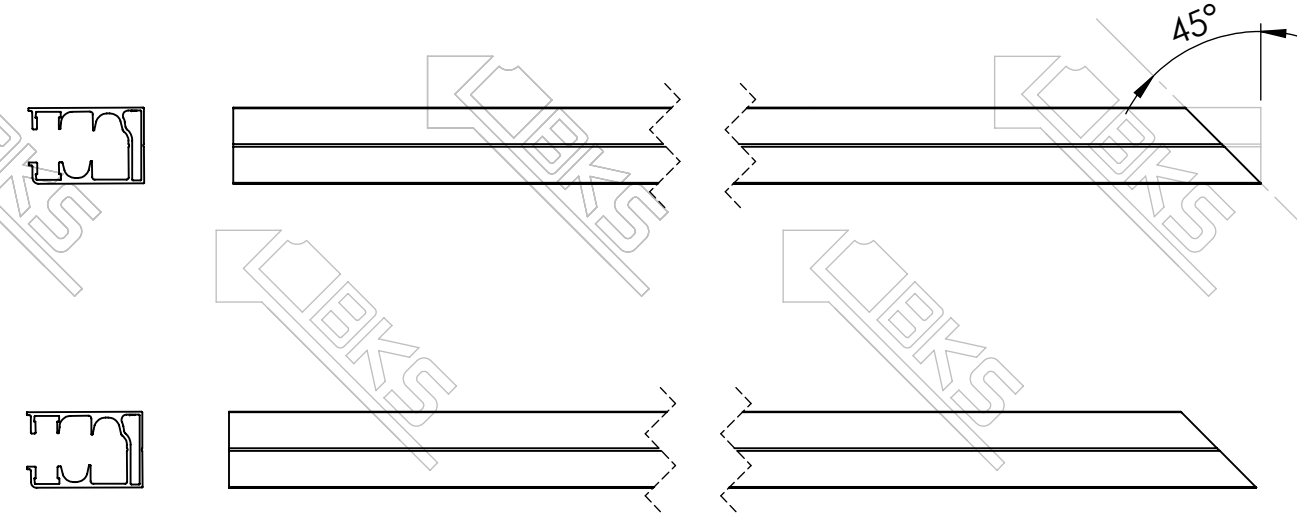


- 8. STEP** ◆ SIDE COLUMN PROFILE IS CUT REFER TO DRAWING PROFRAM www.cambalkoncular.com/rs OR BY DESCRIBED METHOD IN CATALOGUE.



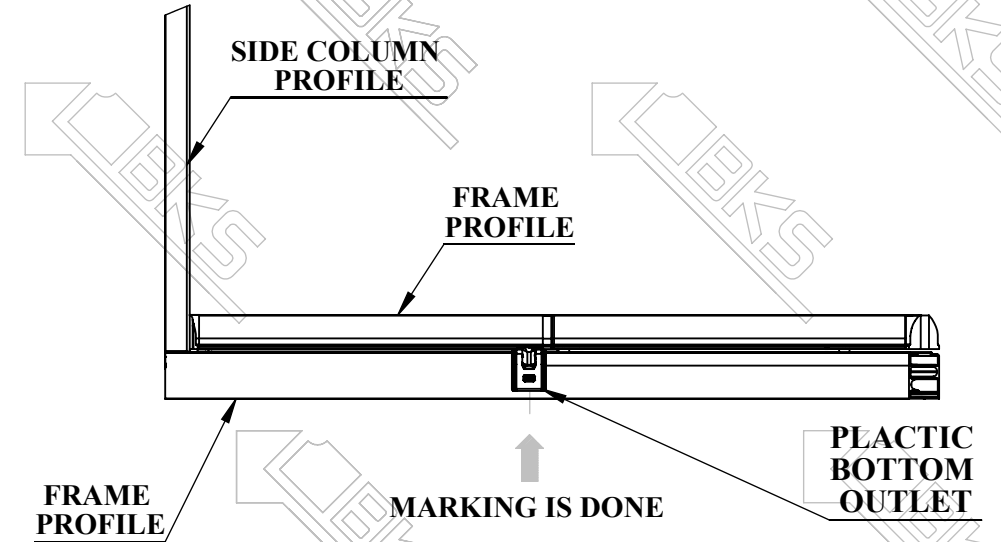
9. STEP

◆ FRAME PROFILE IS CUT REFER TO DRAWING PROFRAM www.cambalkoncilar.com/rs OR BY DESCRIBED METHOD IN CATALOGUE.

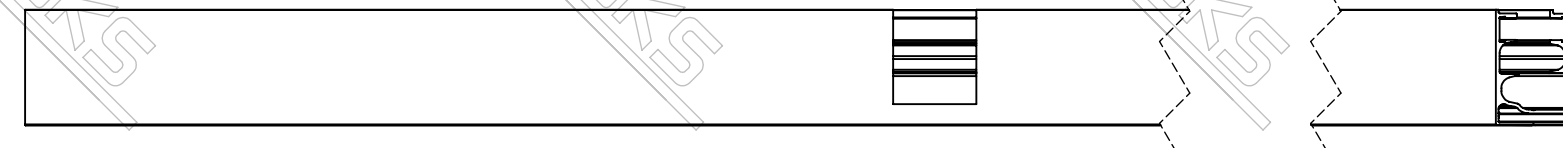


10. STEP

◆ SIDE COLUMN PROFILES ARE ASSEMBLED TO THE END OF THE FRAME PROFILE. PREPARED BASE PROFILES ARE INSTALLED IN THE FRAME IN THE RIGHT ORDER. THE POINT OF THE OUTLET IS DETERMINED AND MARKED ON THE FRAME PROFILE.

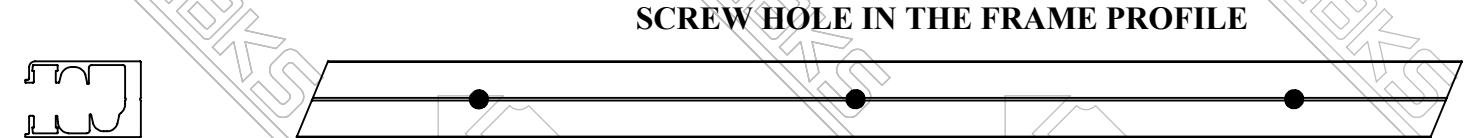


◆ BASE PROFILES ARE SEPARATED BACK AGAIN. MARKED OUTLET IS CUT AND OPENED FROM BOTTOM AND TOP OF SYSTEM.



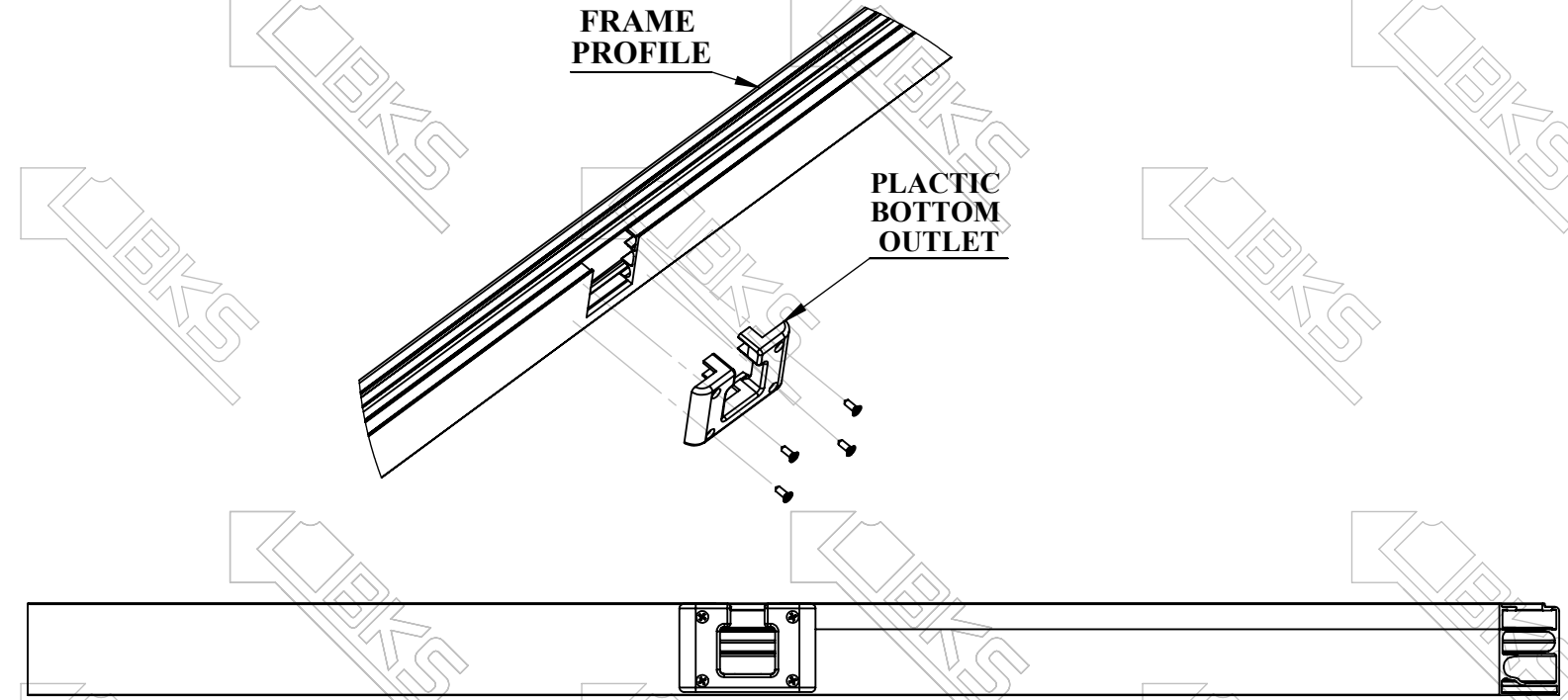
11. STEP

◆ SCREW HOLES ARE MADE IN THE FRAME PROFILE IN ORDER TO EASILY DRILL THE PROFILE TO THE PARAPET WHILE INSTALATION.



12. STEP

◆ OUTLET IS INSTALLED TO THE FRAME PROFILE

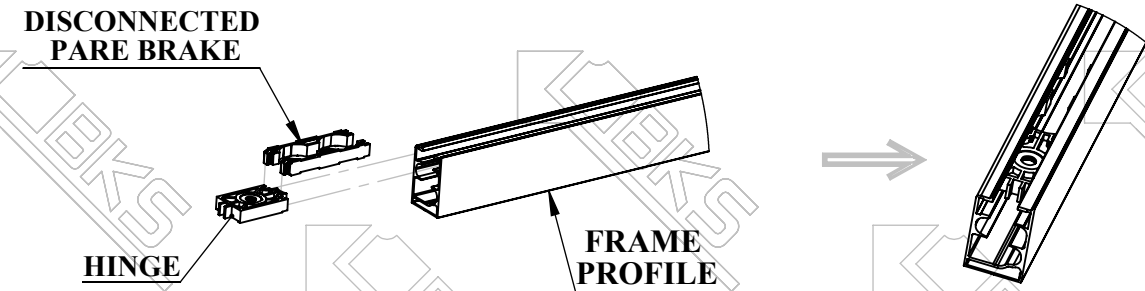


INSTALLATION OF HINGE AND DISCONNECTED PARE BRAKE TO FRAME PROFILE

◆ THE PICKED BRAKE IS PLACED IN THE FRAME.

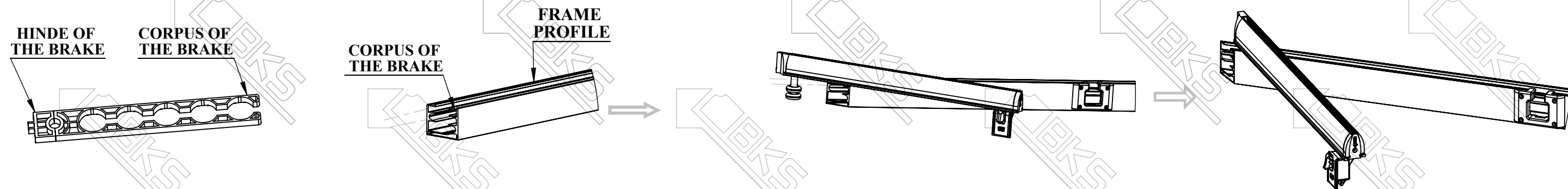
◆ IF NUMBER OF PANELS IS QUITE SMALL THEN HINGE AND DISCONNECTED PARE BRAKE ARE USING TOGETHER.

◆ IF NUMBER OF PANELS IS BIGGER THEN BRAKE IS RECOMENDED TO USE. FIRST, CORPUS OF BRAKE AND PREPARED BASE PROFIL WITH WHEELS IS INSTALLED TO THE FRAME PROFILE. AFTER THIS HINGE OF THE BRAKE IS PLACED FROM OTHER SIDE.



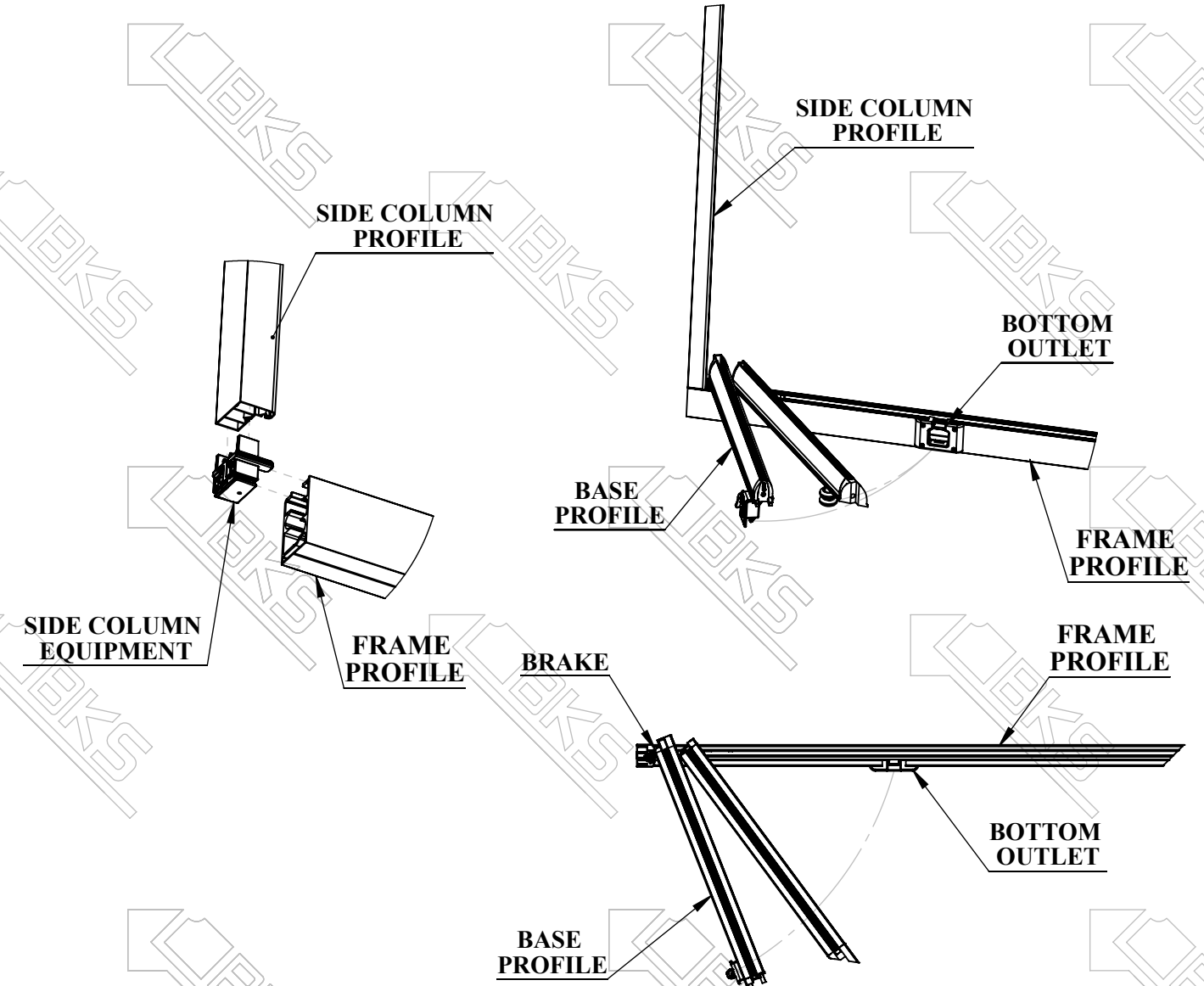
13. STEP

BRAKE INSTALLATION TO THE FRAME PROFILE



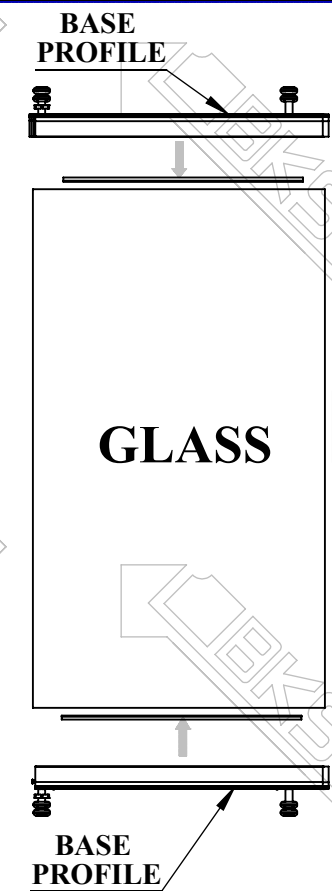
14. STEP

- ◆ THE SIDE EQUIPMENT AND SIDE COLUMN PROFILE ARE PLACED IN THE FRAME
- ◆ THE REST OF THE BASE PROFILES ARE PLACED IN THE FRAME ONE BY ONE IN THE RIGHT ORDER. PLAIN WHEELS ARE ADJUSTED TO ENABLE THE GLASS PANELS TO OPEN AND THEIR SCREWS ARE TIGHTENED.



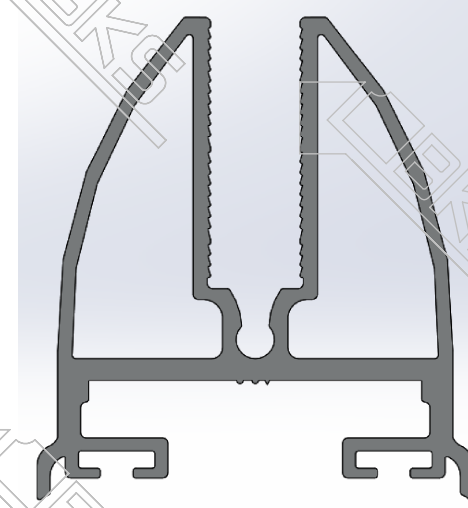
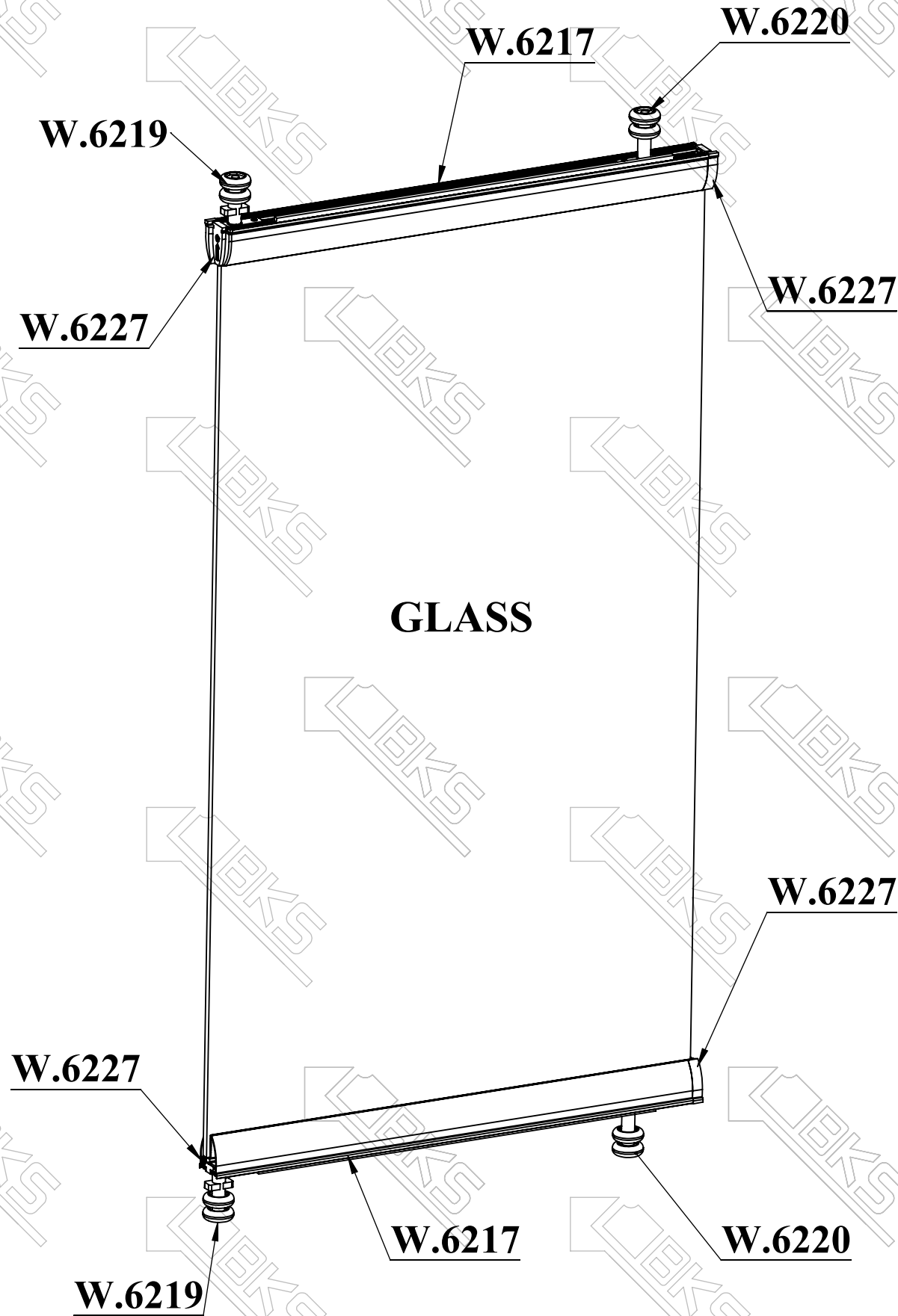
15. STEP

- ◆ FINALLY, THE GLASS PANELS ARE LAID DOWN ON THE WORKBENCH. TOP AND BOTTOM BASE PROFILES ARE GLUED TO THE GLASS PANELS. HEIGHT OF THE GLASS PANELS IS MEASURED ONE BY ONE, AND DEVIATIONS FROM ARE CORRECTED EITHER FROM TOP OR BOTTOM ACCORDING TO INSTALLATION PREFERENCE. EITHER TOP OR BOTTOM IS HELD CONSTANT WHILE THE OTHER SIDE IS BEING ADJUSTED.
- ◆ THE GLASS PANELS ARE LEFT FOR DRYING AT LEAST FOR 24 HOURS.



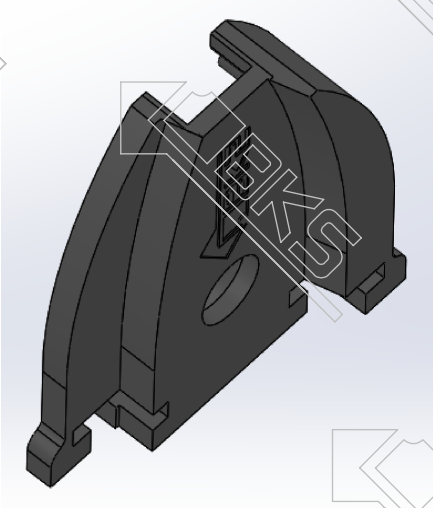
ENDURABLE, CHROME
COATED CHAINS THAT ARE
UTILIZED IN LUX LOCKS
AND ALSO FOR DECORATIVE
PURPOSES IN GLAZED
BALCONY SYSTEMS.

4.2.NEEDED PARTS FOR WHEELED PANEL INSTALLATION



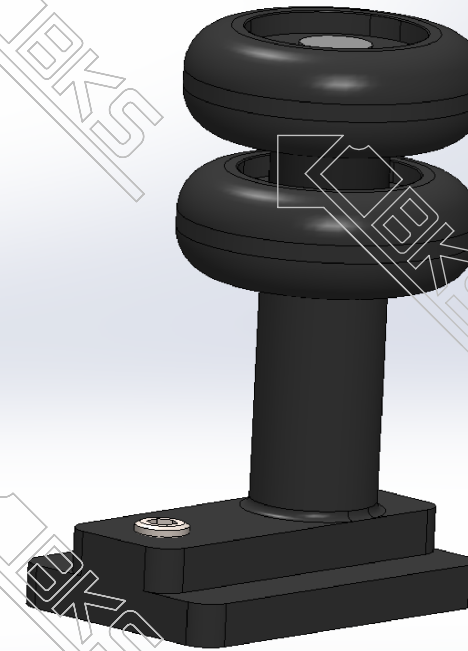
W.6217
GLASS BASE PROFILE

ALUMINUM PROFILE THAT
IS MOUNTED TO GLASS
WINGS FROM BOTTOM
AND TOP



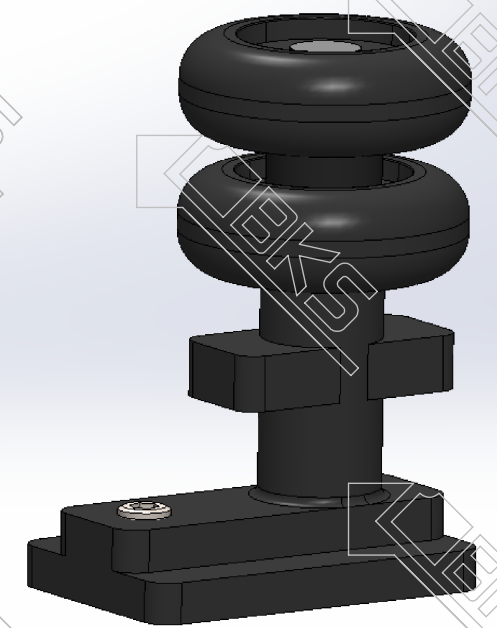
W.6227
**INTERMEDIATE PLAIN
BASE COVER**

POLYAMIDE-BASED
PLASTIC APPARATUS
UTILIZED BETWEEN TWO
STRAIGHT BASE PROFILES.



W.6220
**BKS-KCS STAINLESS
PLAIN WHEEL**

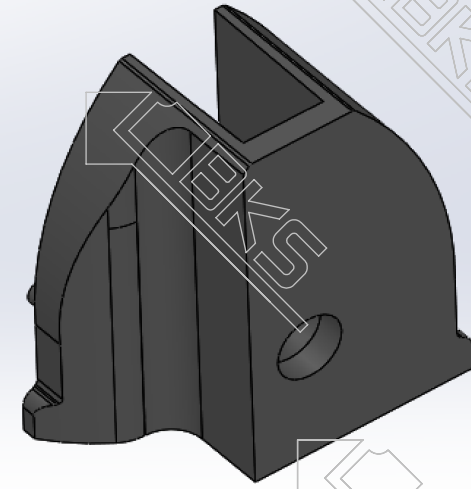
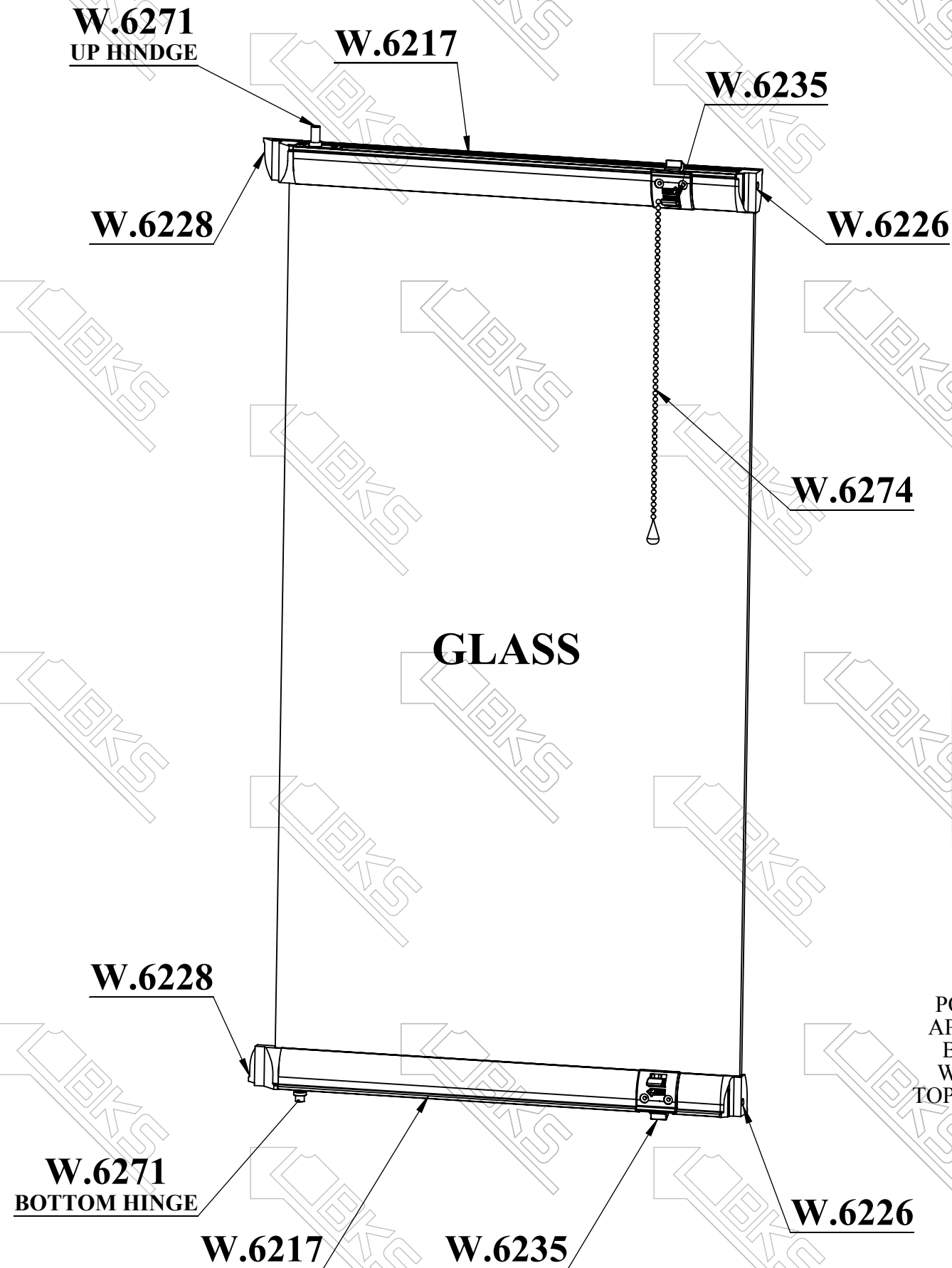
WHEELS CARRY THE SYSTEM LOAD
AND IT GUIDES THE PANELS.



W.6219
**BKS-KCS STAINLESS
LOCKING WHEEL**

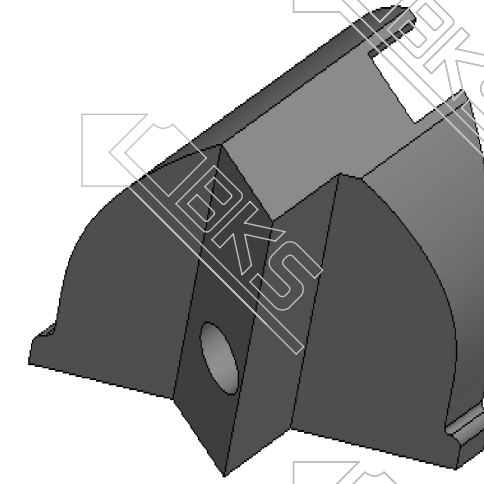
WHEELS CARRY THE SYSTEM LOAD
AND IT PROVIDES THE PARKING.

4.3.NEEDED PARTS FOR OPENED PANEL INSTALLATION



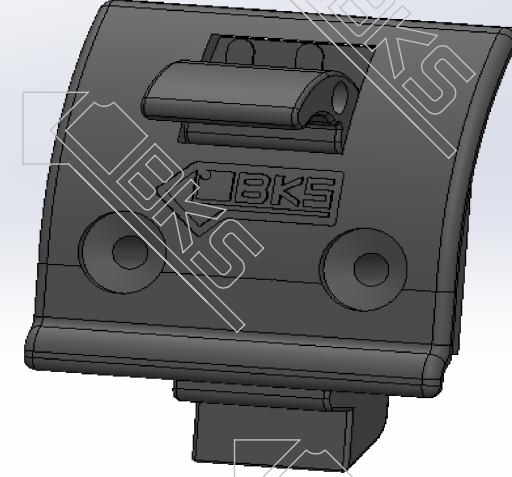
W.6226
SIDE COLUMN BASE COVER

POLYAMIDE-BASED PLASTIC APPARATUS UTILIZED AT THE END POINT OF BASE PROFILES



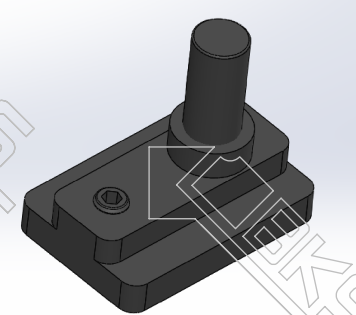
W.6228
BASE INTERMEDIATE COVER 90°

POLYAMIDE-BASED PLASTIC APPARATUS UTILIZED BETWEEN TWO BASE PROFILES WITH AN ANGLE OF 90° (CORNERS)



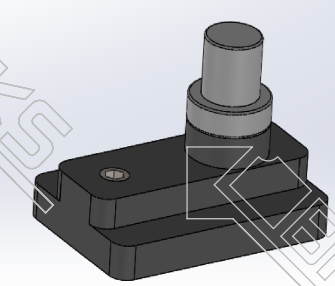
W.6235
MORTISE LOCK

FRAME PROFILE MEASURE ARE ACCEPTED FROM THE OUTER EDGE AS MENTIONED IN A CHAPTER MANAGEMENT OF TAKING MEASURE



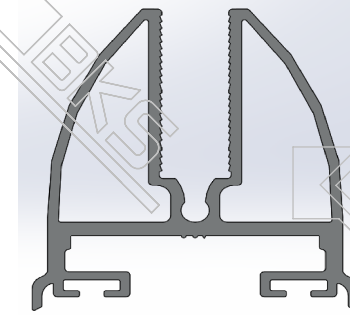
W.6271
UP HINDGE

POLYAMIDE-BASED PLASTIC APPARATUS THAT IS UTILIZED BOTH AS A HINGE AND FOR WHEEL FIXING PURPOSES IN TOP OPENING WINGS OF GLAZED BALCONY SYSTEMS.



W.6271
BOTTOM HINGE

POLYAMIDE-BASED PLASTIC APPARATUS THAT IS UTILIZED BOTH AS A HINGE AND FOR WHEEL FIXING PURPOSES IN BOTTOM OPENING WINGS OF GLAZED BALCONY SYSTEMS.



W.6217
GLASS BASE PROFILE

ALUMİNUM PROFILE THAT IS MOUNTED TO GLASS WINGS FROM BOTTOM AND TOP



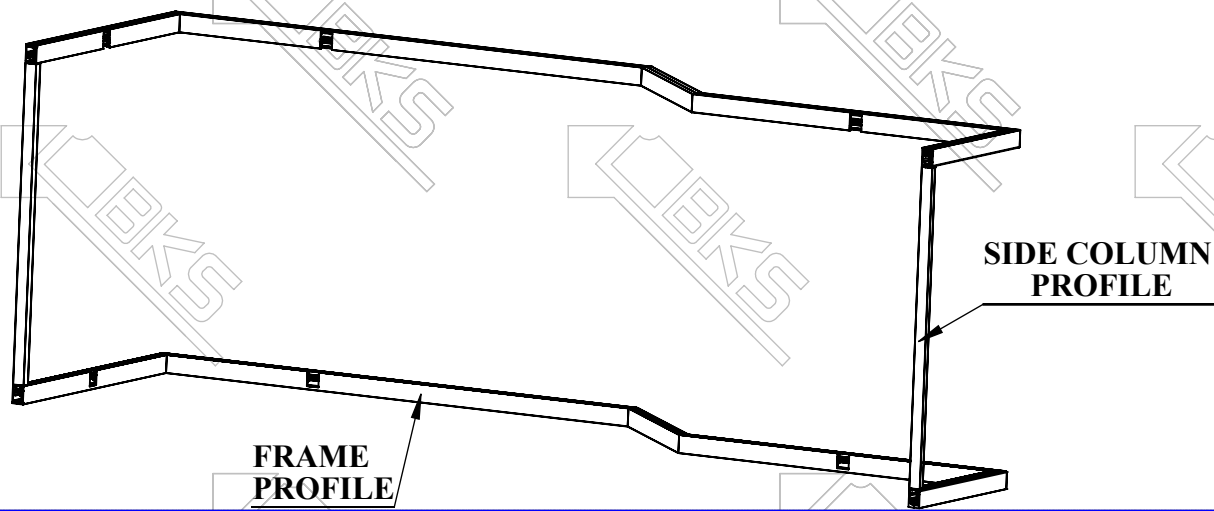
W.6274
MORTISE LOCK CHAIN

ENDURABLE, CHROME COATED CHAINS THAT ARE UTILIZED IN MORTISE LOCK FOR DECORATIVE PURPOSES IN GLAZED BALCONY SYSTEMS.

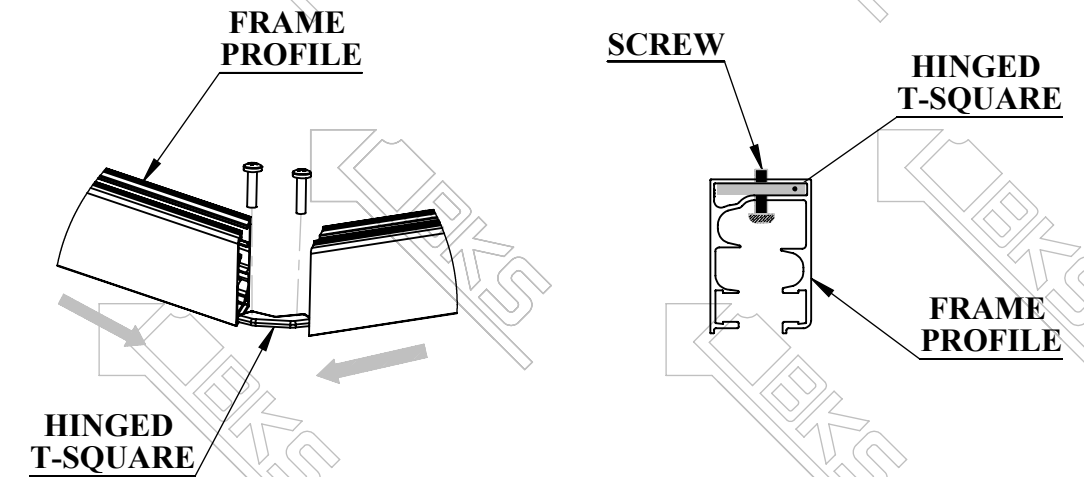
5. STEPS OF BKS BALCONY GLAZING ASSEMBLY

- ◆ THE BKS BALCONY SYSTEM LOAD IS DISTRIBUTED TO THE TOP AND BOTTOM.
- ◆ RECOMMENDED TO LOAD SYSTEM FROM THE TOP.
- ◆ FOR THE INSTALLATION PROCESS OF BKS BALCONY GLAZING SYSTEM, ONE OF THE SIDE WALLS AND THE LOWER HANDRAIL ARE TAKEN AS THE INITIAL.
- ◆ UPPER FRAME PROFILE IS MOUNTED TO THE CEILING THROUGH THE HOLES DRILLED IN THE ASSEMBLY PROCESS.
- ◆ LOWER FRAME PROFILE IS PLACED ON THE HANDRAIL AND SIDE COLUMN PROFILE IS ASSEMBLED.
- ◆ LOWER FRAME PROFILE IS FIXED TO THE LOWER HANDRAIL, AND THEN THE OTHER SIDE COLUMN PROFILE IS ASSEMBLED.

1.STEP

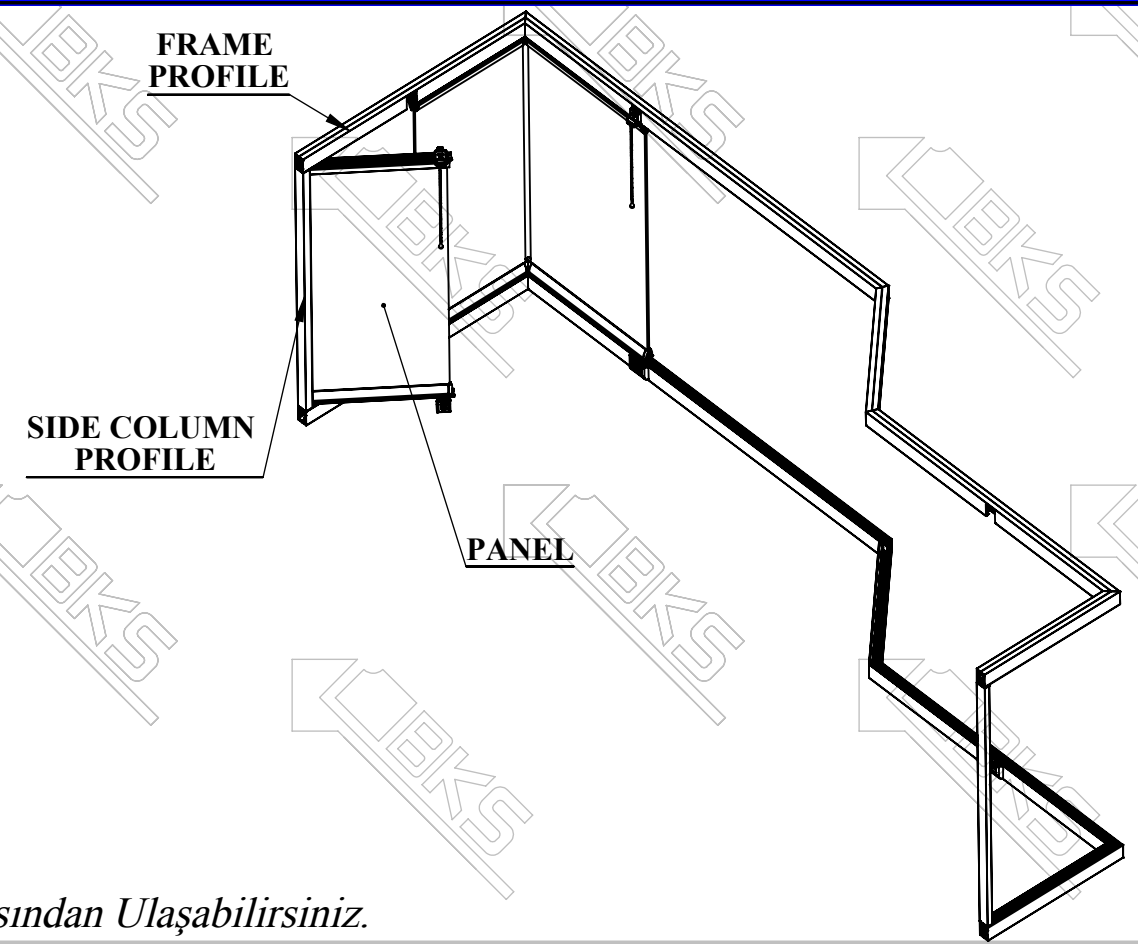


- ◆ FRAME PROFILE CAN BE COMBINED BY HINGED T-SQUARE OR ANGLE IRON.
- ◆ THE HINGED T-SQUARE OR ANGLE IRON IS SCREWED BY CERTAIN SHAPE OF BALCONY.

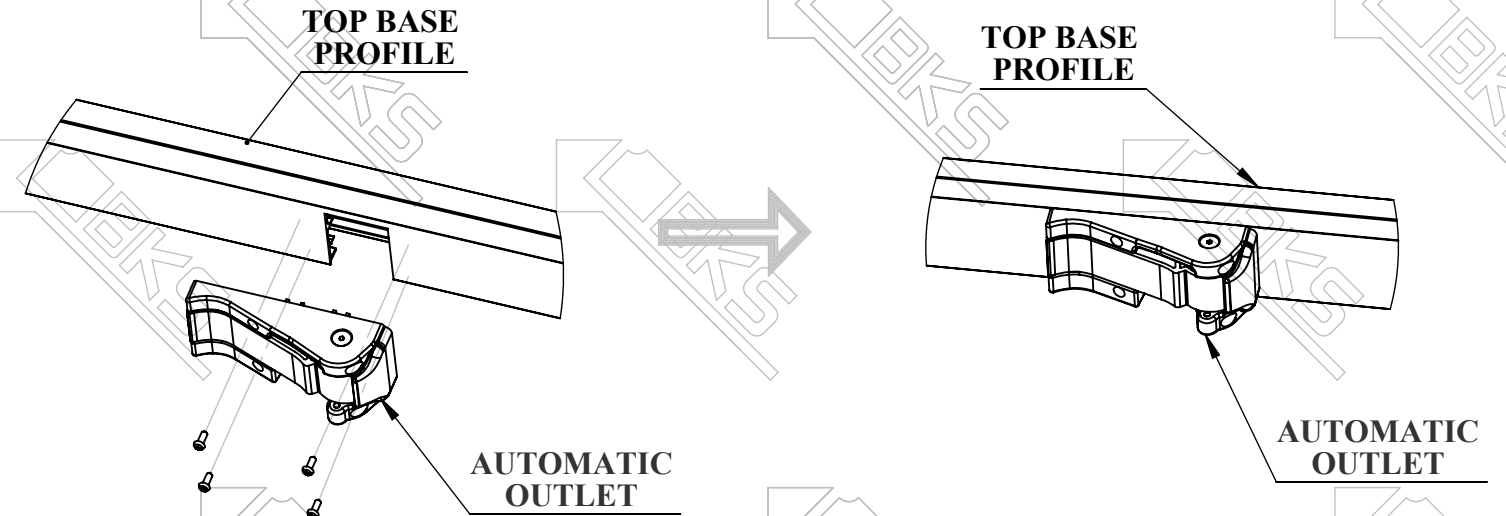


2.STEP

- ◆ IN ORDER TO ASSEMBLE THE OUTLET GLASS PANEL, TOP AND BOTTOM PLASTICS ARE REMOVED FIRST.
- ◆ THE BRAKE IS SLID TO THE OTHER SIDE OF THE OUTLETS APART FROM THEIR HINGES. THE BRAKES ARE SLID BACK TOWARDS THE SIDE COLUMN PROFILE. THE OUTLET GLASS PANEL IS ADJUSTED AND THE BRAKES ARE FIXED TO THE FRAME PROFILE.
- ◆ WHEELED PANELS ARE SLID THROUGH TOP AND BOTTOM OUTLET TO THEIR PLACES.
- ◆ SYSTEM BALANCE IS CHECKED ONCE AGAIN, FROM THE FIRST TO THE LAST GLASS PANEL ONE BY ONE. ADJUSTMENT CAN BE MADE BY SCREW DOWELS.
- ◆ TOP AND BOTTOM OUTLETS ARE ASSEMBLED BACK TO THE FRAME PROFILE.

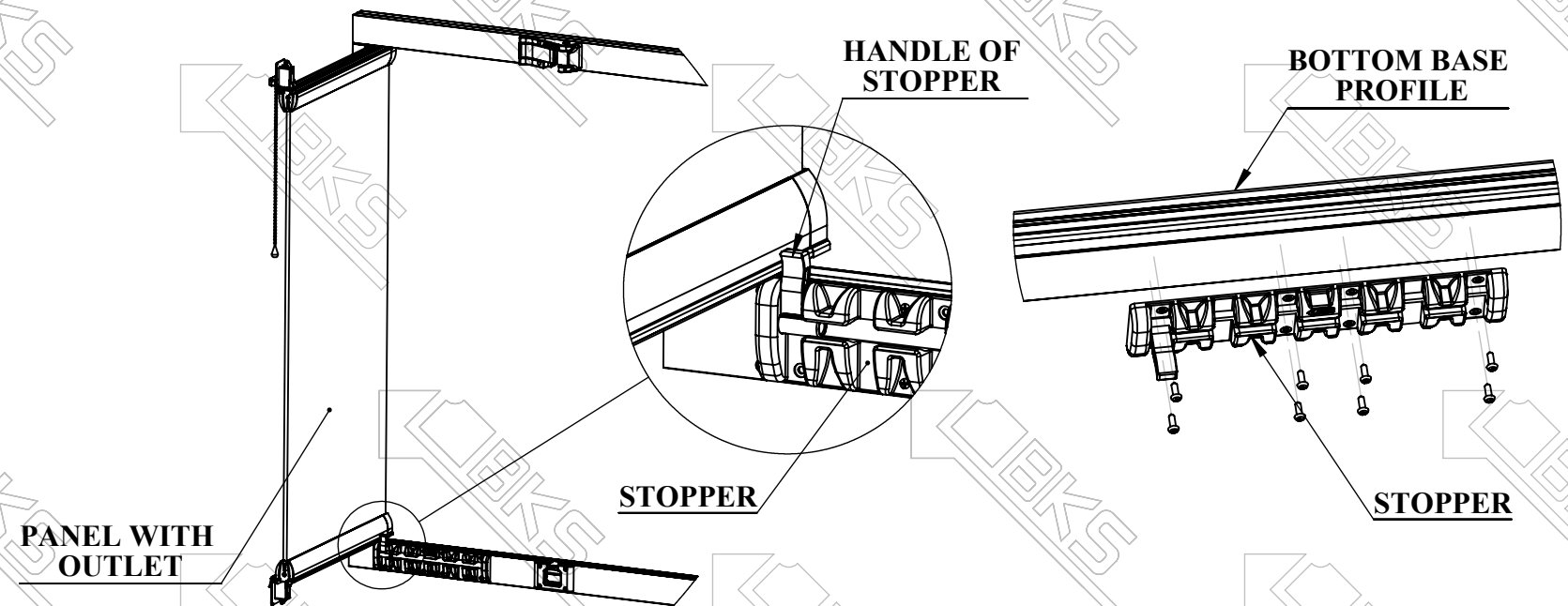


3.STEP ♦ THE AUTOMATIC OUTLET IS ASSEMBLED ON THE TOP FRAME.



4.STEP

- ♦ STOPPER ASSEMBLY IS STARTING FROM OPEN FIRST GLASS PANEL.
- ♦ BETWEEN THE FIRST PANEL AND HANDLE OF STOPPER MUST NOT LEAVE THE DISTANCE. STOPPER IS ASSEMBLED IN RIGHT POSITION.



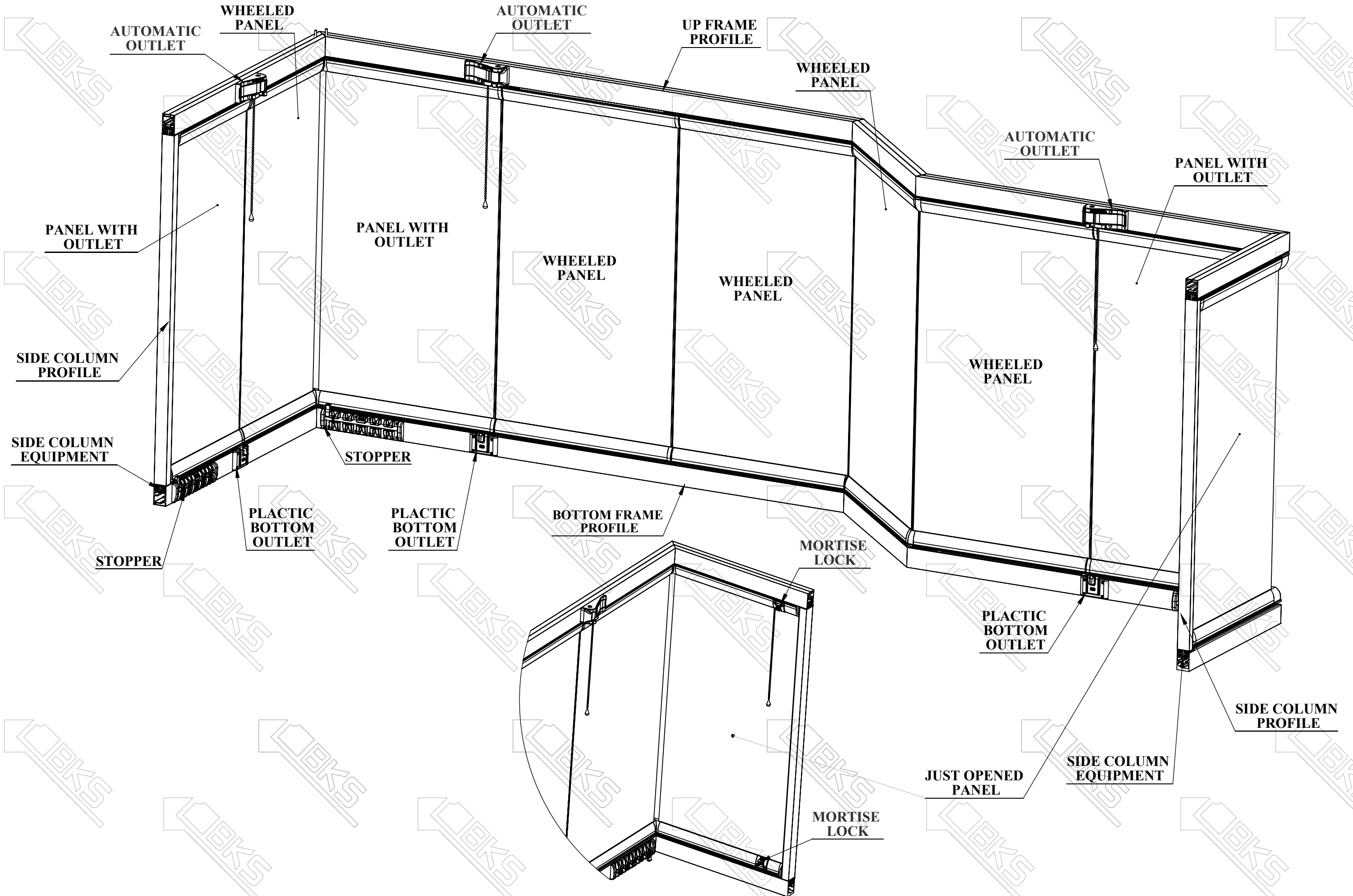
5.STEP

- ♦ AFTER COMPLETE INSTALLATION OF BALCONY REMAINING GAPS BETWEEN THE SYSTEM AND UPPER LOWER PARAPETS CLOSED BY ANGLE PROFILE L.
- ♦ ANGLE BRACKETS ARE SCREWED TO THE FRAME PROFILE INSIDE AND OUTSIDE THEN SPREAD WITH SILICONE.

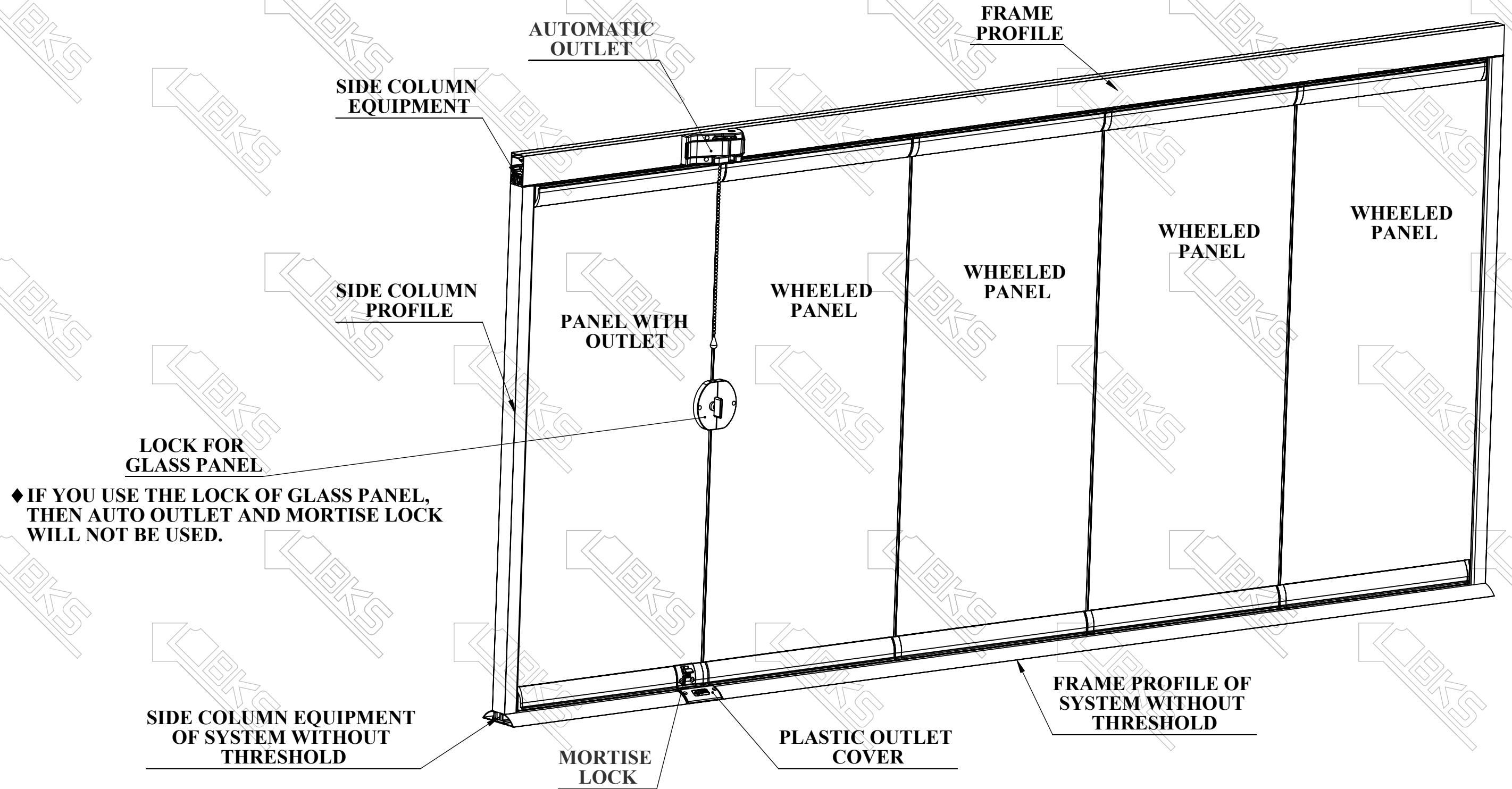
6.STEP

- ♦ THE MAGNET SEAL IS CUT AS LONG AS THE BASE COVER CAPS
- ♦ THE PLUG OF BKS GLASS CLEANER IS REMOVED AND APPLIED TO THE SIDE OF THE GLASS IN THE SAME DIRECTION. IT TAKES 4-5 MINUTES TO BECOME DRY.
- ♦ THE SEAL IS ASSEMBLED TO THE GLASS WITH THE GLASS SEAL ASSEMBLY EQUIPMENT.

5.1 INSTALLED BKS FRAMELESS BALCONY GLAZING SYSTEM



6. BKS FOLDING SYSTEM WITHOUT THRESHOLD



◆ IF YOU USE THE LOCK OF GLASS PANEL, THEN AUTO OUTLET AND MORTISE LOCK WILL NOT BE USED.

◆ MATERIALS OF FOLDING SYSTEM WITHOUT THRESHOLD ARE COMMON WITH BKS BALCONY SYSTEM, EXCEPT FOLLOWING ITEMS:

- *BOTTOM FRAME PROFILE;
- *INTERMEDIATE COVERS;
- *BOTTOM BRAKE;
- *SIDE COLUMN EQUIPMENT;
- *BOTTOM OUTLET COVER;
- *BOTTOM HINGE;
- *BOTTOM WHEEL.

6.1. BKS FOLDING SYSTEM WITHOUT THRESHOLD CALCULATION

◆ BKS BALCONY GLAZING CALCULATION IS VALID FOR BKS FOLDIG SYSTEM WITHOUT THRESHOLD. ONLY GLASS HEIGHT AND SIDE COLUMN PROFILE VALUE WILL BE DIFFERENT BECAUSE OF LOWER BOTTOM PROFILE.

FORMULA: GLASS HEIGHT CALCULATION

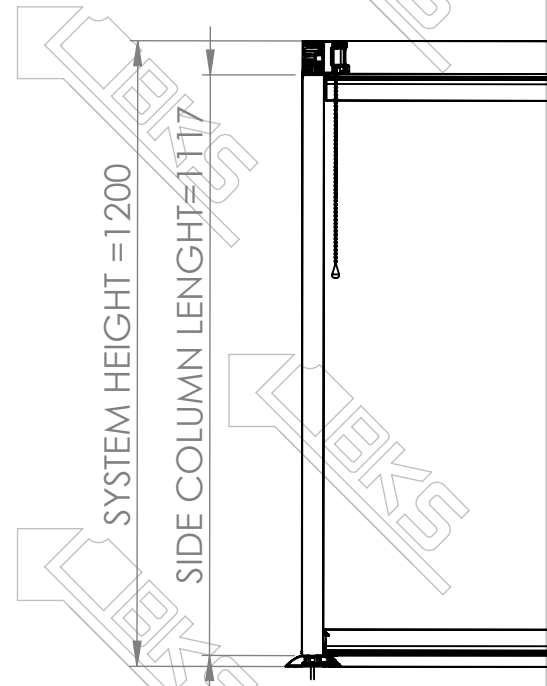
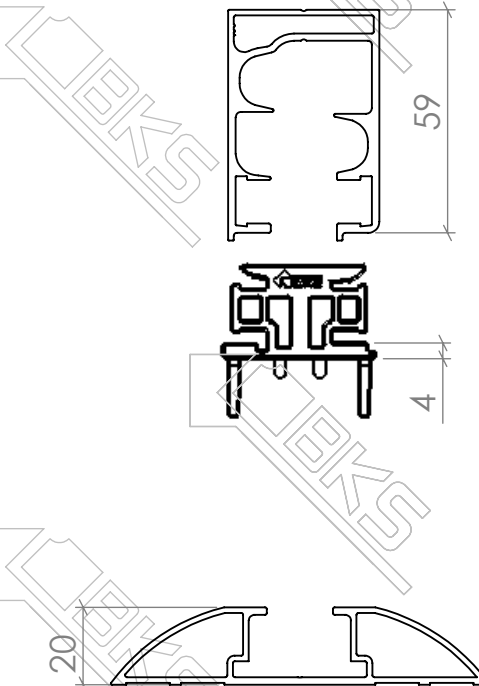
$$\begin{aligned}
 & \text{SYSTEM HEIGHT } 1200 \text{ MM} - \text{BOTTOM FRAME HEIGHT } 20 \text{ MM} - \text{TOP FRAME HEIGHT } 60 \text{ MM} - 2 \times \text{BASE PROFILE HEIGHT } 45 \text{ MM} + 2 \times \text{BASE PROFILE INNER HEIGHT } 25 \text{ MM} \\
 & - \text{GAP BETWEEN BOTTOM FRAME AND BOTTOM BASE PROFILE } 5 \text{ MM} - \text{GAP BETWEEN TOP FRAME AND TOP BASE PROFILE } 6 \text{ MM} = \text{GLASS HEIGHT } 1069 \text{ MM}
 \end{aligned}$$

$$\text{SYSTEM HEIGHT } 1200 \text{ MM} - 131 \text{ MM} = \text{GLASS HEIGHT } 1069 \text{ MM}$$

FORMULA: SIDE COLUMN PROFILE CALCULATION

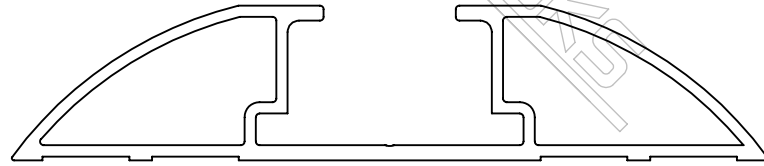
$$\text{SYSTEM HEIGHT } 1200 \text{ MM} - \text{HEIGHT BETWEEN SIDE COLUMN AND UPPER FRAME INITIAL POINT } 63 \text{ MM} - \text{HEIGHT BETWEEN SIDECOLUMN AND BOTTOM FRAME INITIAL POINT } 20 \text{ MM} = \text{SIDE COLUMN LENGHT } 1117 \text{ MM}$$

SIDE COLUMN CALCULATION GUIDE	
DISTANCE BETWEEN: TOP FRAME PROFILE - SIDE COLUMN EQUIPMENT	59 MM
DISTANCE BETWEEN: SIDE COLUMN EQUIPMENT - SIDE COLUMN PROFILE	4 MM
DISTANCE BETWEEN: BOTTOM FRAME PROFILE - SIDE COLUMN PROFILE	20 MM



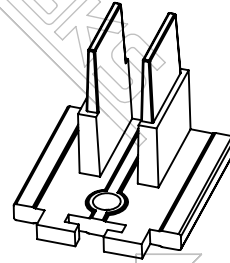
6.2. SPECIFIC STAFF OF BKS FOLDING SYSTEM WITHOUT THRESHOLD

FRAME PROFILE OF SYSTEM WITHOUT THRESHOLD



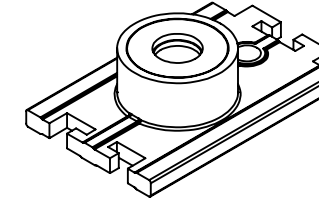
- ◆ THE FRAME PROFILE CAN BE APPLIED ONLY AS A BOTTOM PART.

SIDE COLUMN EQUIPMENT OF SYSTEM WITHOUT THRESHOLD



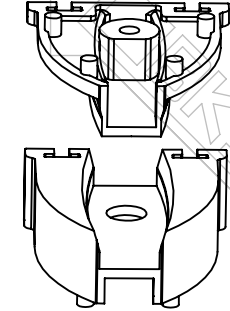
- ◆ SIDE COLUMN EQUIPMENT CAN BE APPLIED ONLY WITH BOTTOM PROFILE OF FOLDING SYSTEM WITHOUT THRESHOLD.

BOTTOM HINGE OF SYSTEM WITHOUT THRESHOLD.



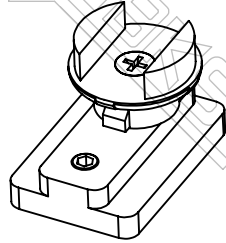
- ◆ HINGE ATTACHES TO SIDE COLUMN EQUIPMENT AND ONLY 1 PIECE IS USING FOR OUTLET PANEL OR OPENED PANEL.

INTERMEDIATE COVERS OF SYSTEM WITHOUT THRESHOLD



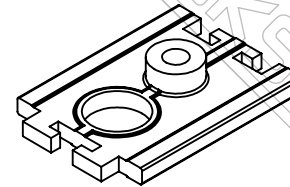
- ◆ PLASTIC APPARATUS UTILIZED BETWEEN TWO STRAIGHT PANELS FROM TOP AND BOTTOM OF SYSTEM.

WHEEL OF SYSTEM WITHOUT THRESHOLD



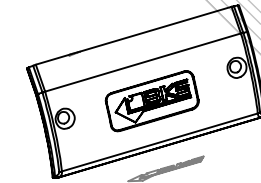
- ◆ WHEELS CAN BE INSTALLED ONLY TO BOTTOM BASE PROFILE. IT'S PROVIDES PANELS MOVEMENT.

BRAKE OF SYSTEM WITHOUT THRESHOLD



- ◆ BRAKE ATTACHES TO HINGE ONLY 1 PIECE IS USING FOR WHEELED PANEL.

PLASTIC OUTLET COVER



- ◆ PLASTIC COVER CLOSES HOLE ON THE FRAME PROFILE WHICH IS MADE FOR WHEELS, HINGE AND BRAKE ENTERING.

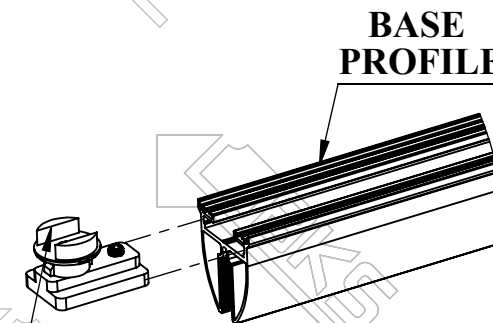
6.3. BKS FOLDING SYSTEM WITHOUT THRESHOLD PRODUCTION GUIDE

- ◆ IN THIS SECTION ONLY INSTALLATION OF THE BALCONY SYSTEM WITHOUT THRESHOLD ELEMENTS WILL BE DESCRIBED THAT IS NOT USED IN THE BALCONY STANDARD SYSTEM

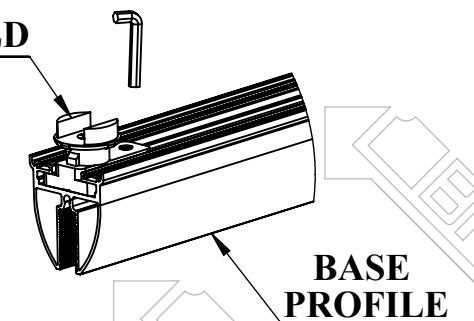
6.3.1. WHEELS INSTALLATION TO WHEELED PANELS FRAME PROFILE OF SYSTEM WITHOUT THRESHOLD

- ◆ LOCK WHEEL AND PLAIN WHEEL ARE MOUNTED ON THE UPPER BASE PROFILE AS MENTIONED ON THE PAGE 9 PART 2.
- ◆ WHEELS OF SYSTEM WITHOUT THRESHOLD ARE ADJUSTED TO THE VERY END OF THE BOTTOM BASE PROFILE AND THE SCREWS ARE TIGHTENED WITH ALLEN WRENCH.

WHEEL OF SYSTEM WITHOUT THRESHOLD

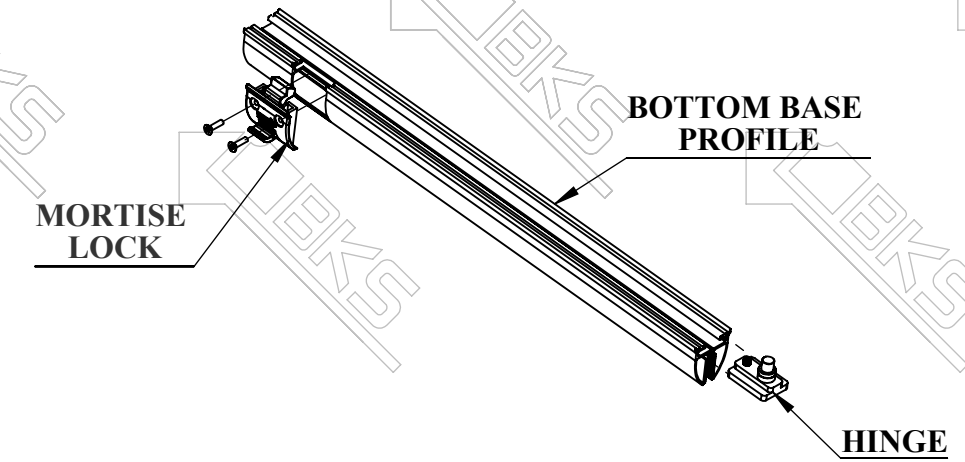


WHEEL OF SYSTEM WITHOUT THRESHOLD



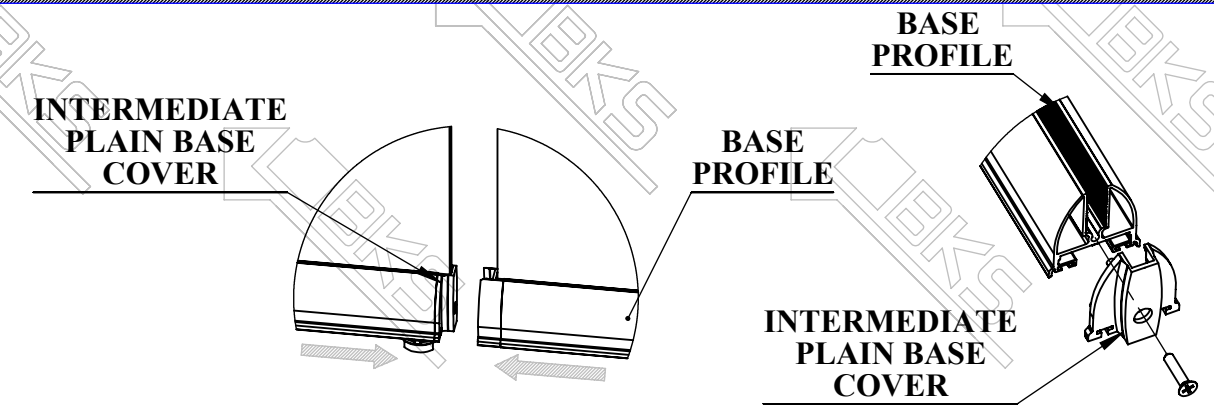
6.3.2.HINGE INSTALLATION TO OUTLET PANEL OR OPENED PANEL

◆ HINGE AND MORTISE LOCK ARE ADJUSTED TO THE OPENED PANEL FROM BOTTOM AND TOP.FOR THE TOP OUTLET PANEL HINGE AND LUX LOCK IS INSTALLED, TO BOTTOM IS MORTISE LOCK WITH HINGE.



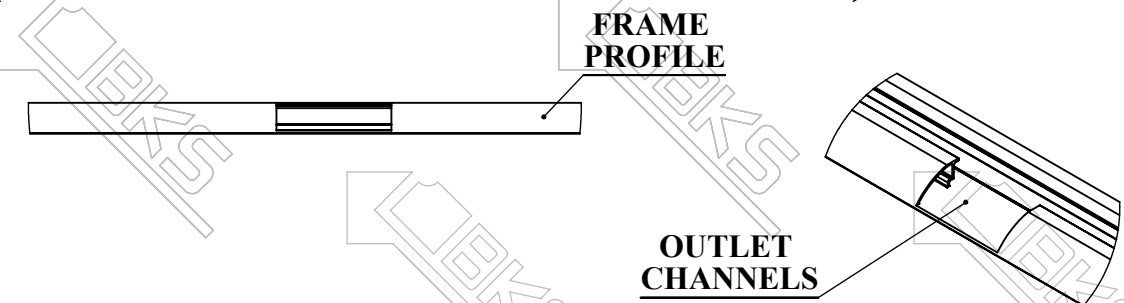
6.3.3. INTERMEDIATE COVERS INSTALLATION TO WHEELED PANELS

◆ INTERMEDIATE CAPS CAN NOT BE USED ON OUTLET PANEL OR OPENED PANEL. IT WAS DESIGNED TO BLOCK PANELS FROM STAGGER.



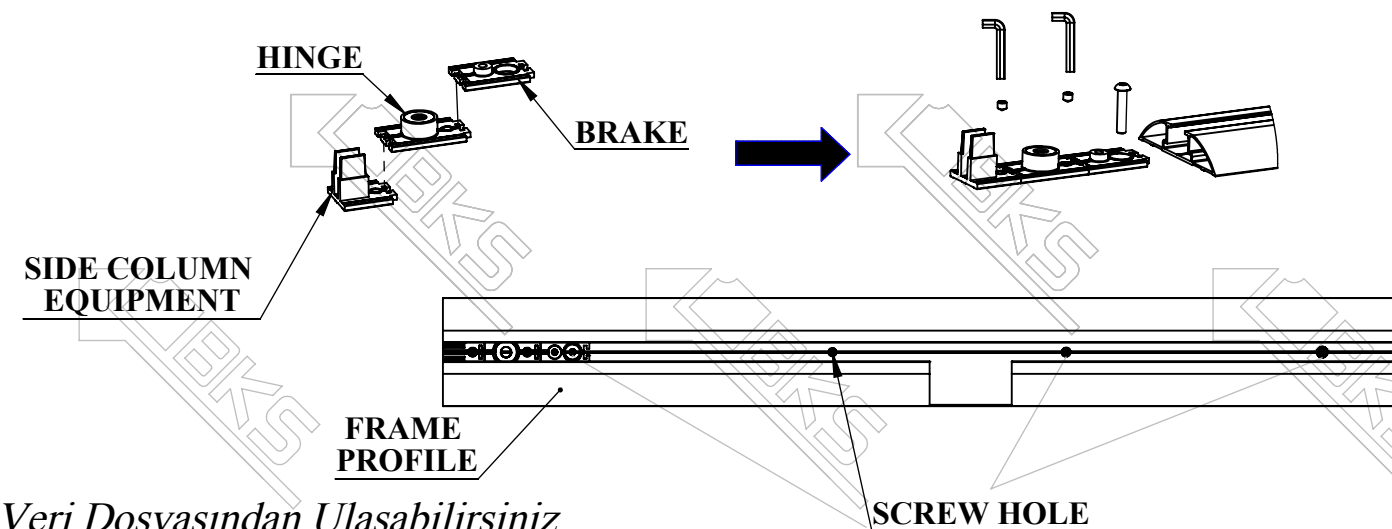
6.3.4. PLASTIC COVER INSTALLATION TO FRAME PROFILE HOLE (SYSTEM WITHOUT THRESHOLD)

◆ AS EXPLAINED ON PAGE 11 MARKED OUTLET IS CUT AND OPENED FROM SYSTEM TOP. THE SAME WAY FOR BOTTOM PROFILE WITHOUT THRESHOLD THE HOLE IS PREPARING.

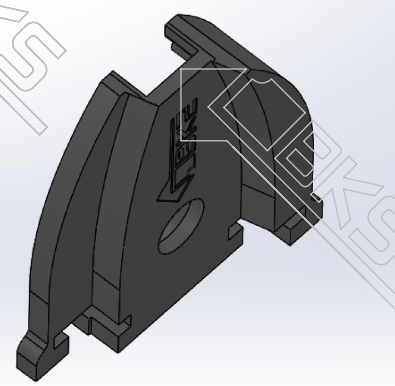
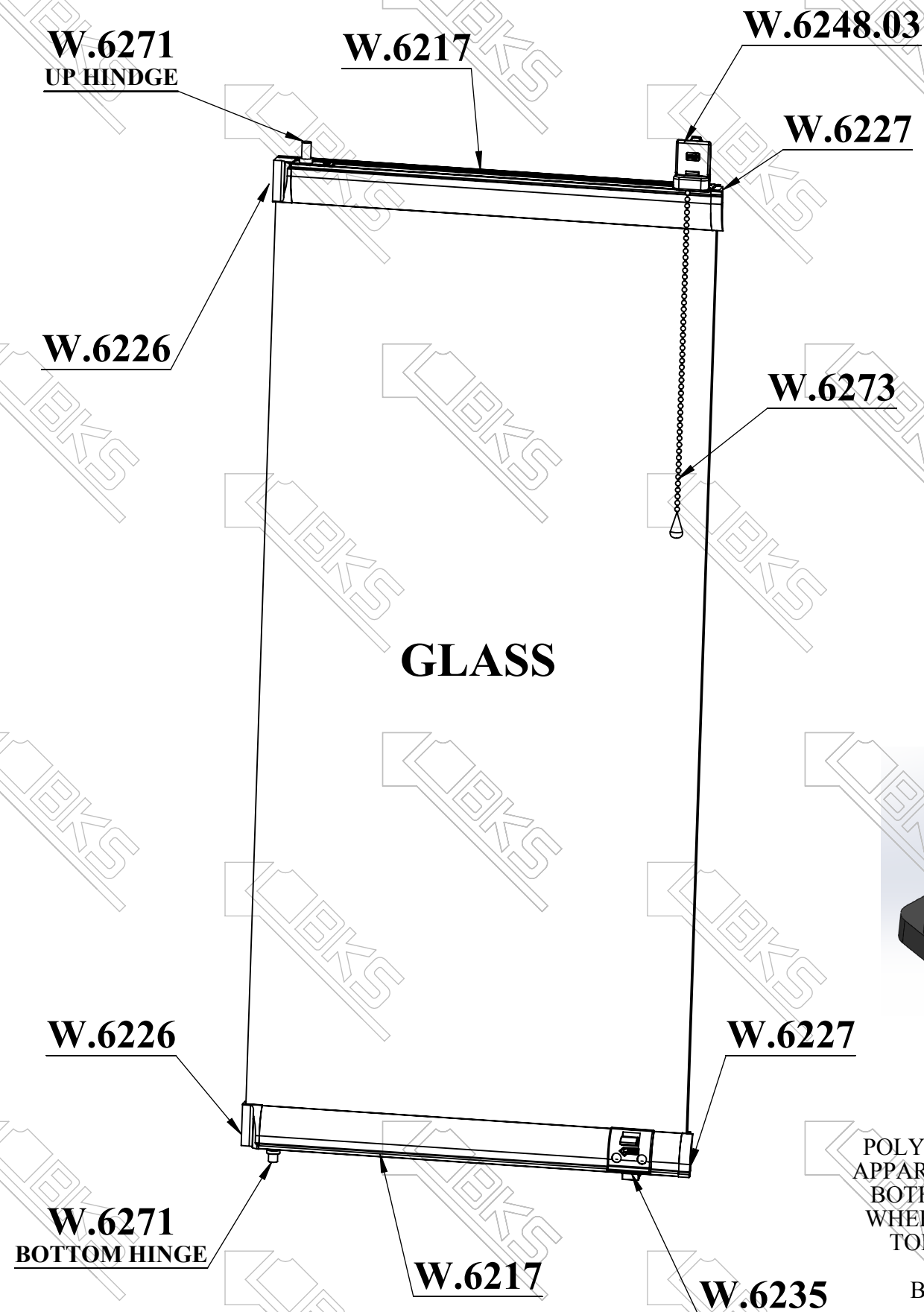


6.3.5. SCREW HOLES PREPARATION AND HOW TO JOIN SIDE COLUMN EQUIPMENT, HINGE AND BRAKE WITH FRAME PROFILE

◆ SIDE COLUMN EQUIPMENT, HINGE AND BRAKE ARE ATTACHED TO THE FRAME PROFILE AND THE SCREWS ARE TIGHTENED WITH ALLEN WRENCH.

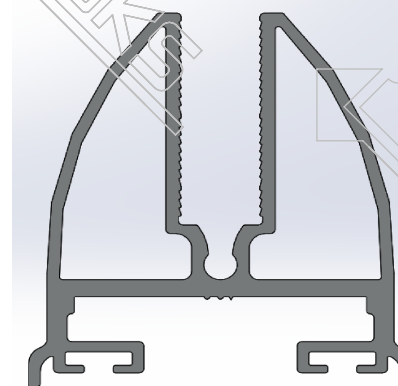


6.4. NEEDED PARTS FOR OUTLET PANEL INSTALLATION (SYSTEM WITHOUT THRESHOLD)



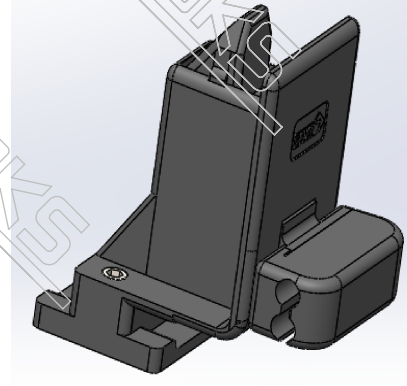
W.6227
INTERMEDIATE PLAIN
BASE COVER

POLYAMIDE-BASED
PLASTIC APPARATUS
UTILIZED BETWEEN TWO
STRAIGHT BASE PROFILES.



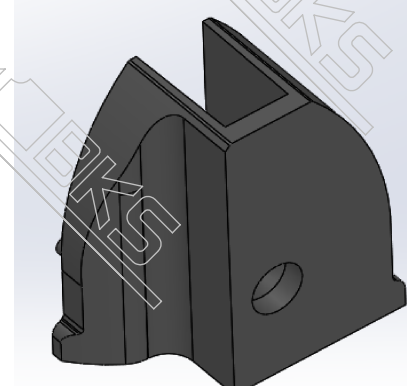
W.6217
GLASS BASE PROFILE

ALUMINUM PROFILE THAT
IS MOUNTED TO GLASS
WINGS FROM BOTTOM
AND TOP



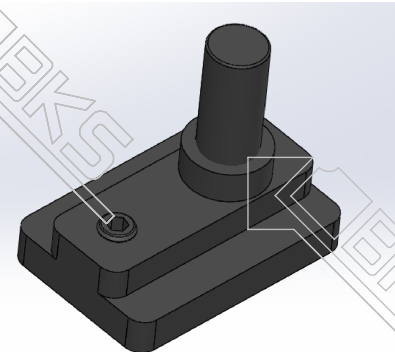
W.6248.03
LUX LOCK BOTTOM-TOP
FOR AUTO

PLASTIC APPARATUS
CLOSES
THE OUTLETS AND SERVES
AS A TOP LOCK.



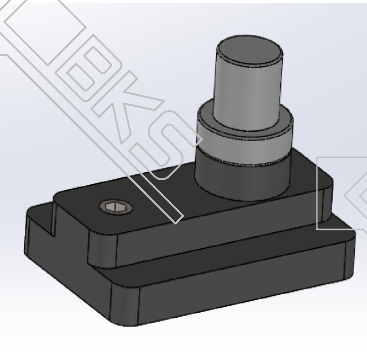
W.6226
SIDE COLUMN BASE COVER

POLYAMIDE-BASED PLASTIC
APPARATUS UTILIZED AT
THE END POINT OF BASE
PROFILES



W.6271
UP HINDGE

POLYAMIDE-BASED PLASTIC
APPARATUS THAT IS UTILIZED
BOTH AS A HINGE AND FOR
WHEEL FIXING PURPOSES IN
TOP OPENING WINGS OF
GLAZED
BALCONY SYSTEMS.



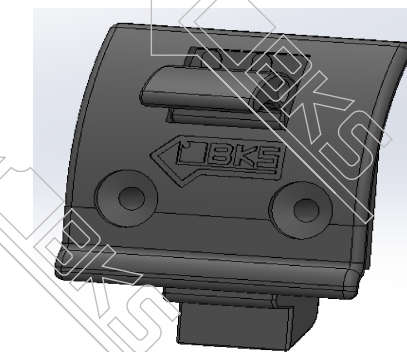
W.6271
BOTTOM HINGE

POLYAMIDE-BASED PLASTIC
APPARATUS THAT IS UTILIZED
BOTH AS A HINGE AND FOR
WHEEL FIXING PURPOSES IN
BOTTOM OPENING WINGS OF
GLAZED BALCONY SYSTEMS.



W.6273
LUX LOCK CHAIN

ENDURABLE, CHROME
COATED CHAINS THAT ARE
UTILIZED IN LUX LOCKS
AND ALSO FOR DECORATIVE
PURPOSES IN GLAZED
BALCONY SYSTEMS.



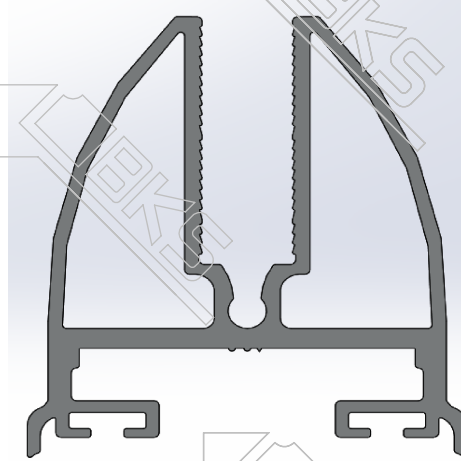
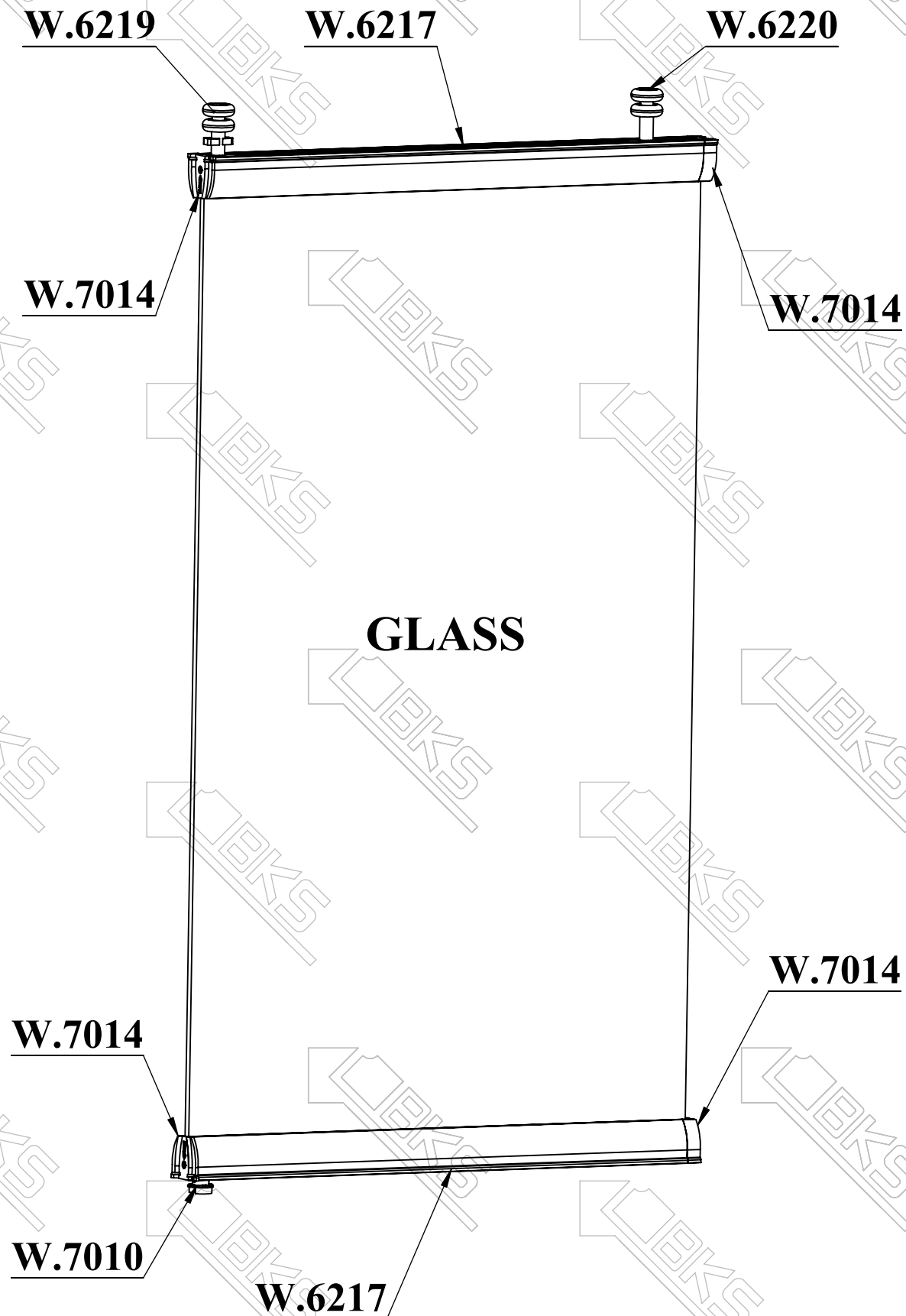
W.6235
MORTISE LOCK

FRAME PROFILE MEASURE
ARE ACCEPTED FROM THE
OUTER EDGE AS MENTIONED
IN A CHAPTER MANAGEMENT
OF TAKING MEASURE

6.5. NEEDED PARTS FOR OPENED PANEL INSTALLATION (SYSTEM WITHOUT THRESHOLD)



6.6. NEEDED PARTS FOR WHEELED PANEL INSTALLATION (SYSTEM WITHOUT THRESHOLD)



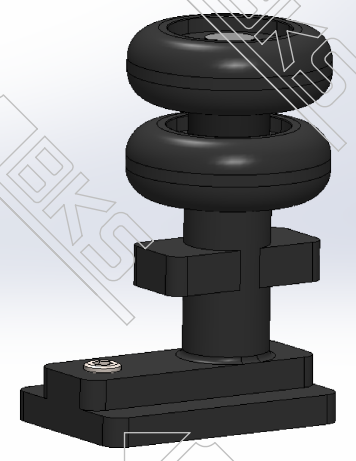
W.6217
GLASS BASE PROFILE

ALUMINUM PROFILE THAT
IS MOUNTED TO GLASS
WINGS FROM BOTTOM
AND TOP



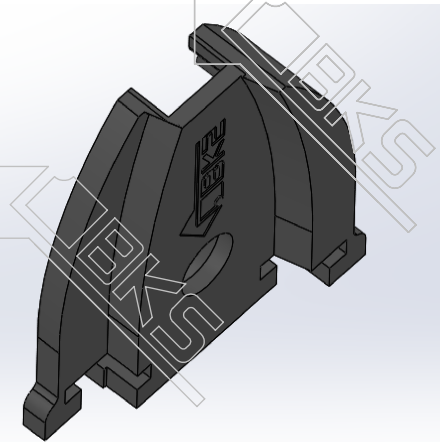
W.6220
BKS-KCS STAINLESS
PLAIN WHEEL

WHEELS CARRY THE SYSTEM
LOAD AND IT GUIDES THE
PANELS.



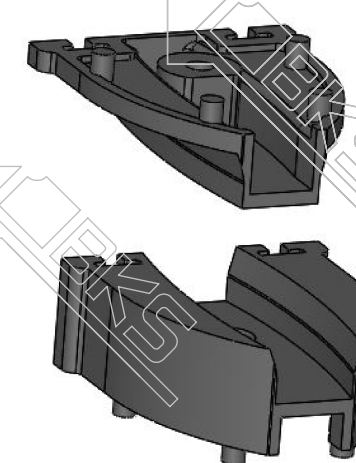
W.6219
BKS-KCS STAINLESS
LOCKING WHEEL

WHEELS CARRY THE
SYSTEM LOAD
AND IT PROVIDES THE
PARKING.



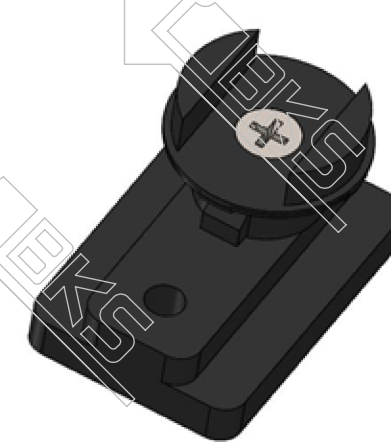
W.6227
INTERMEDIATE PLAIN
BASE COVER

POLYAMIDE-BASED
PLASTIC APPARATUS
UTILIZED BETWEEN TWO
STRAIGHT BASE PROFILES.



W.7014
INTERMEDIATE COVERS OF
SYSTEM WITHOUT THRESHOLD

WHEEL IS UTILIZED BETWEEN
TWO STRAIGHT PANELS FROM
TOP AND BOTTOM OF SYSTEM.



W.7010
WHEEL OF SYSTEM
WITHOUT THRESHOLD

WHEELS CAN BE INSTALLED
ONLY TO BOTTOM BASE
PROFILE. IT'S PROVIDES
PANELS MOVEMENT.

6.7. BKS FOLDING SYSTEM WITHOUT THRESHOLD INSTALLATION PROCESS

◆ WHILE INSTALLATION OF FOLDING SYSTEM WITHOUT THRESHOLD YOU SHOULD REFER TO BKS BALCONY SYSTEM. IN THIS PARAGRAF ONLY NEW SYSTEM STUFF WILL BE EXPLAINED WHICH ARE NOT USED IN STANDART BALCONY SYSTEM.

◆ FOR THE INSTALLATION PROCESS OF BKS BALCONY GLAZING SYSTEM, ONE OF THE SIDE WALLS AND THE LOWER HANDRAIL ARE TAKEN AS THE INITIAL.

◆ UPPER FRAME PROFILE IS MOUNTED TO THE CEILING THROUGH THE HOLES DRILLED IN THE ASSEMBLY PROCESS.

◆ LOWER FRAME PROFILE IS PLACED ON THE HANDRAIL AND SIDE COLUMN PROFILE IS ASSEMBLED.

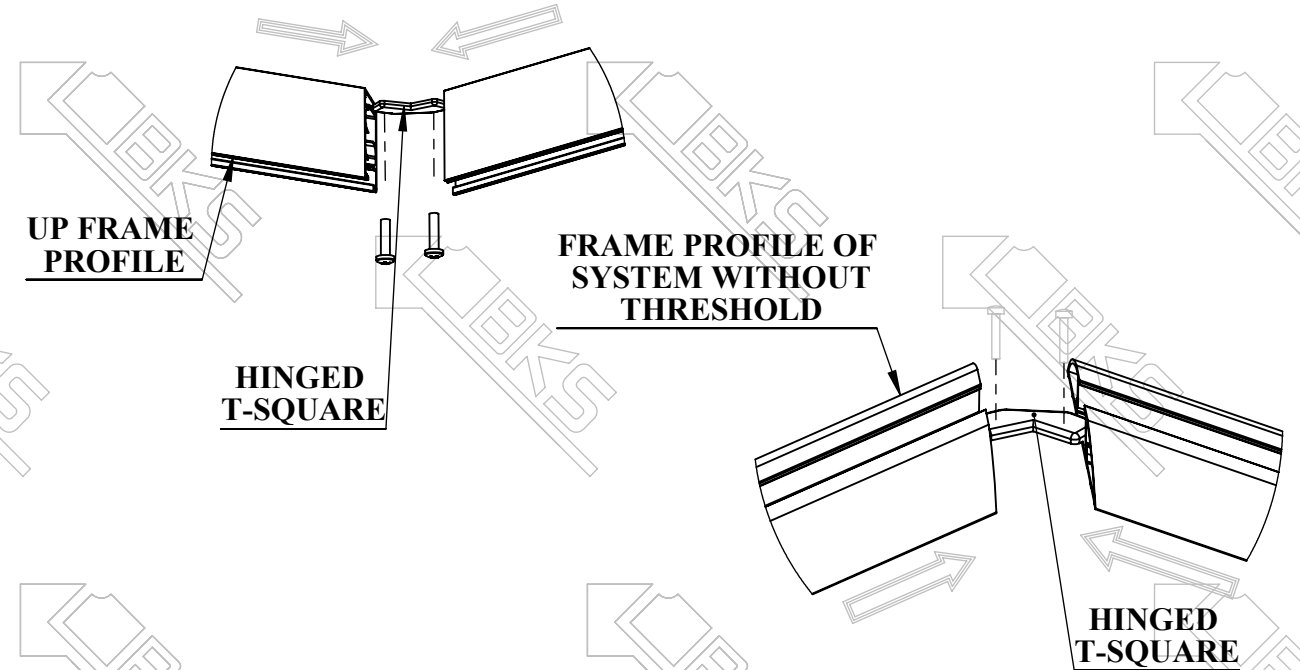
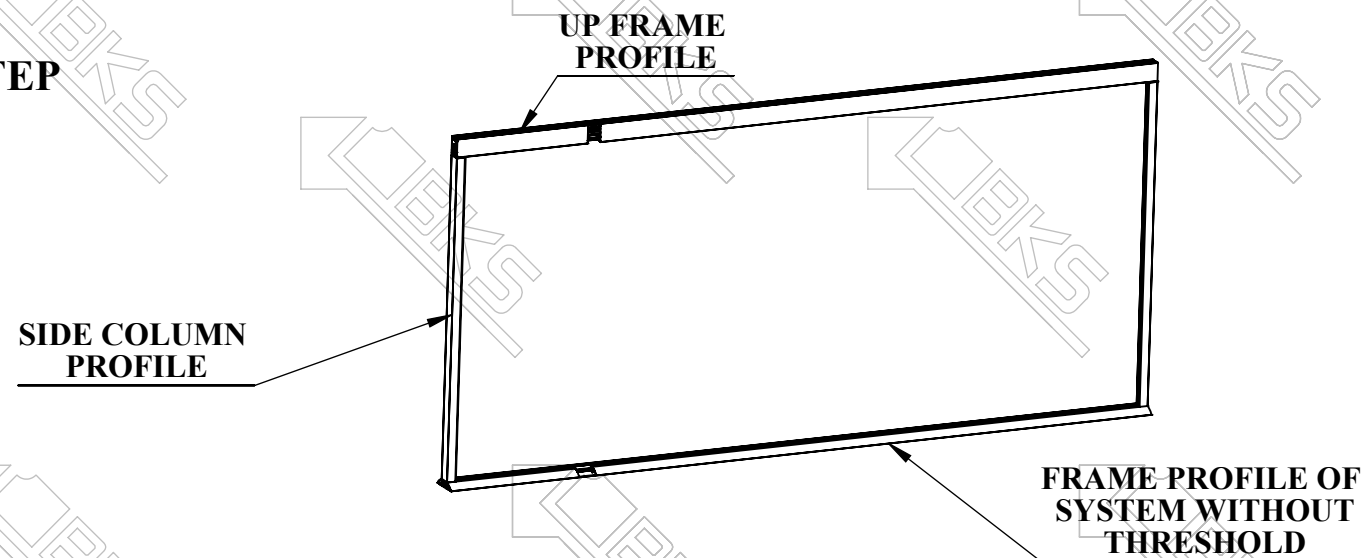
◆ LOWER FRAME PROFILE IS FIXED TO THE LOWER HANDRAIL, AND THEN THE OTHER SIDE COLUMN PROFILE IS ASSEMBLED.

ANGLE PROFILE UNITE;

◆ FRAME PROFILE CAN BE COMBINED BY HINGED T-SQUARE OR ANGLE IRON.

◆ THE HINGED T-SQUARE OR ANGLE IRON IS SCREWED BY CERTAIN SHAPE OF BALCONY.

1.STEP



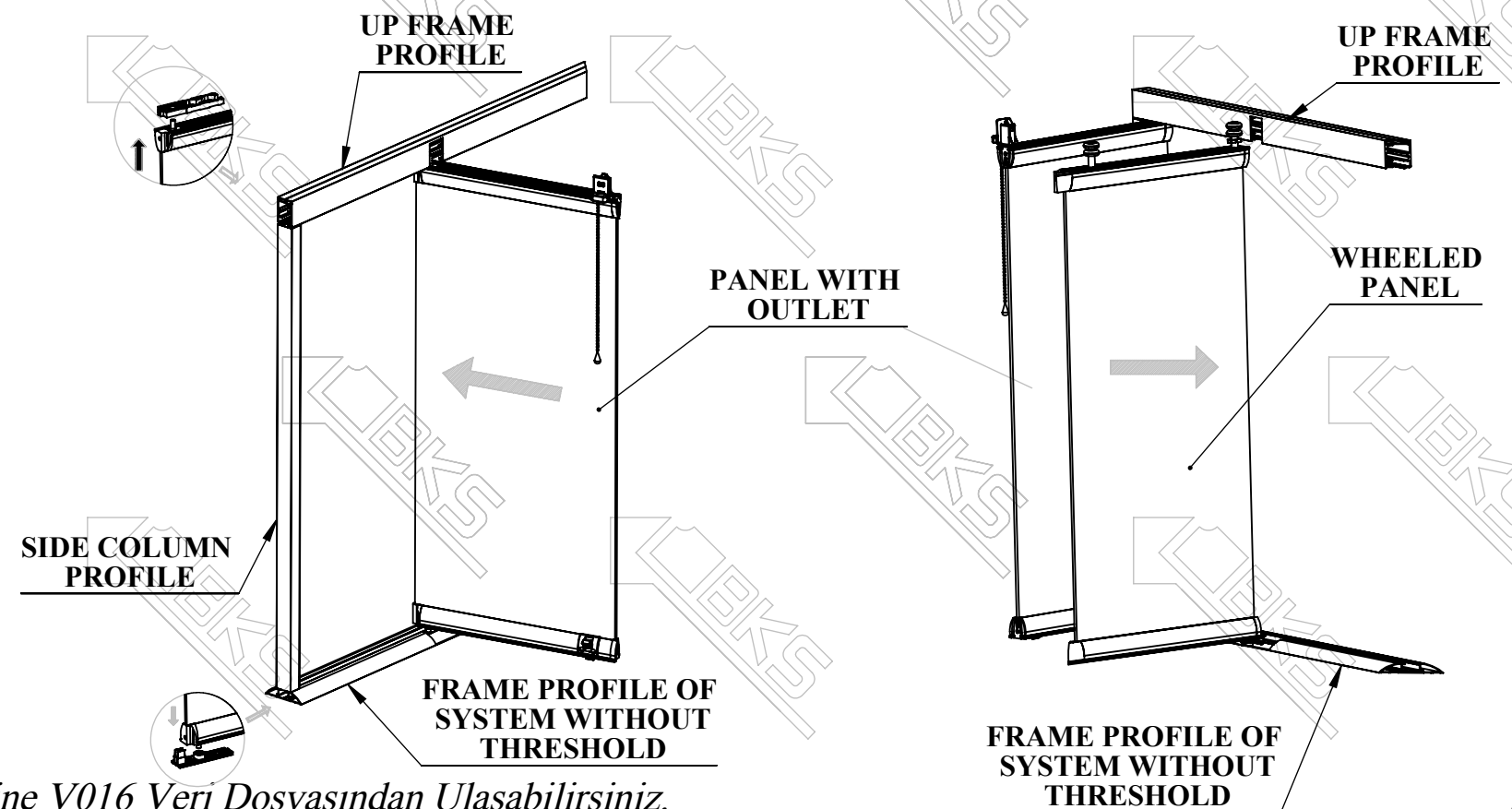
2.STEP

◆ PIN OF HINGE IS GOING TO FRAME PROFILE THROUGH ITS CHANNELS. FIRST, THE TOP PIN MUST BE INSTALLED TO BREAK HEAD THEN BOTTOM PIN WILL SLIDE TO HINGE. ADJUSTMENT OF SYSTEM MUST BE MADE FROM TOP OF SYSTEM BY PULLING THE PROFILE.

◆ WHEELED PANELS ARE SLID THROUGH TOP AND BOTTOM OUTLET TO THEIR PLACES.

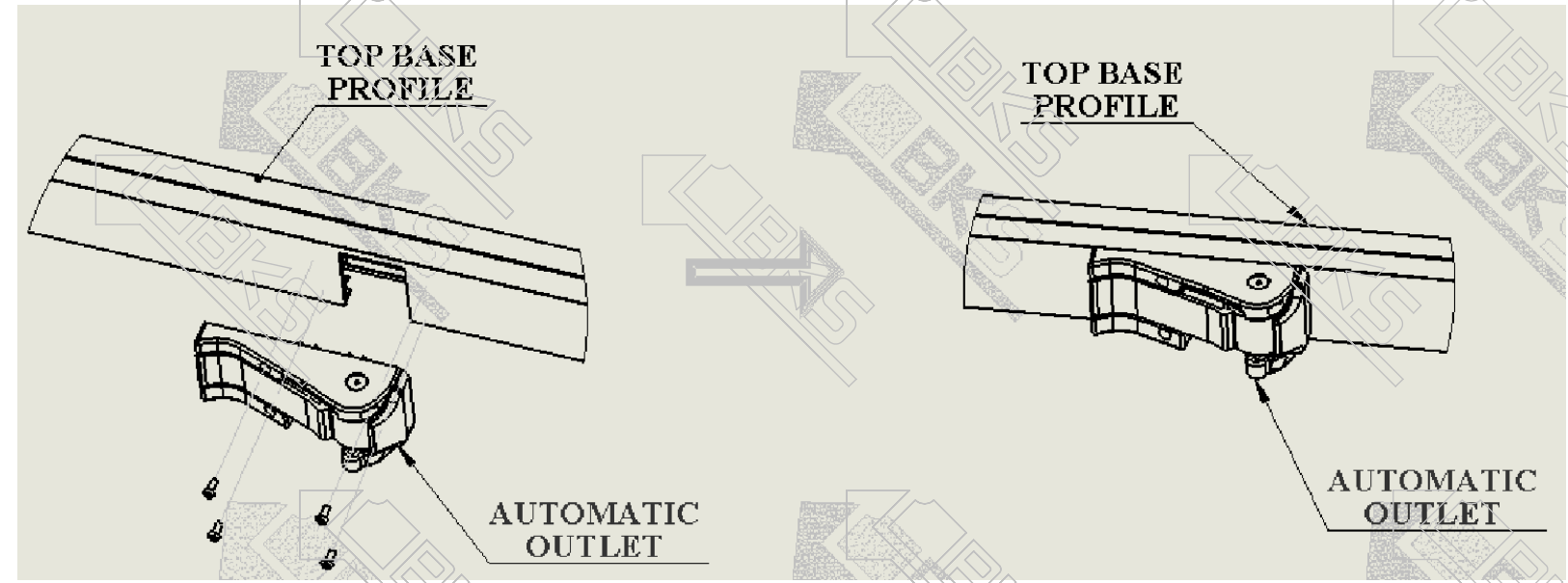
◆ SYSTEM BALANCE IS CHECKED ONCE AGAIN, FROM THE FIRST TO THE LAST GLASS PANEL ONE BY ONE. ADJUSTMENT CAN BE MADE BY SCREW DOWELS.

◆ TOP AND BOTTOM OUTLETS ARE ASSEMBLED BACK TO THE FRAME PROFILE.



3.STEP

◆ THE AUTOMATIC OUTLET IS ASSEMBLED ON THE TOP FRAME.

**4.STEP**

◆ AFTER COMPLETE INSTALLATION OF BALCONY REMAINING GAPS BETWEEN THE SYSTEM AND UPPER PARAPETS CLOSED BY ANGLE PROFILE L.

◆ ANGLE BRACKETS ARE SCREWED TO THE FRAME PROFILE INSIDE AND OUTSIDE THEN SPREAD WITH SILICONE.

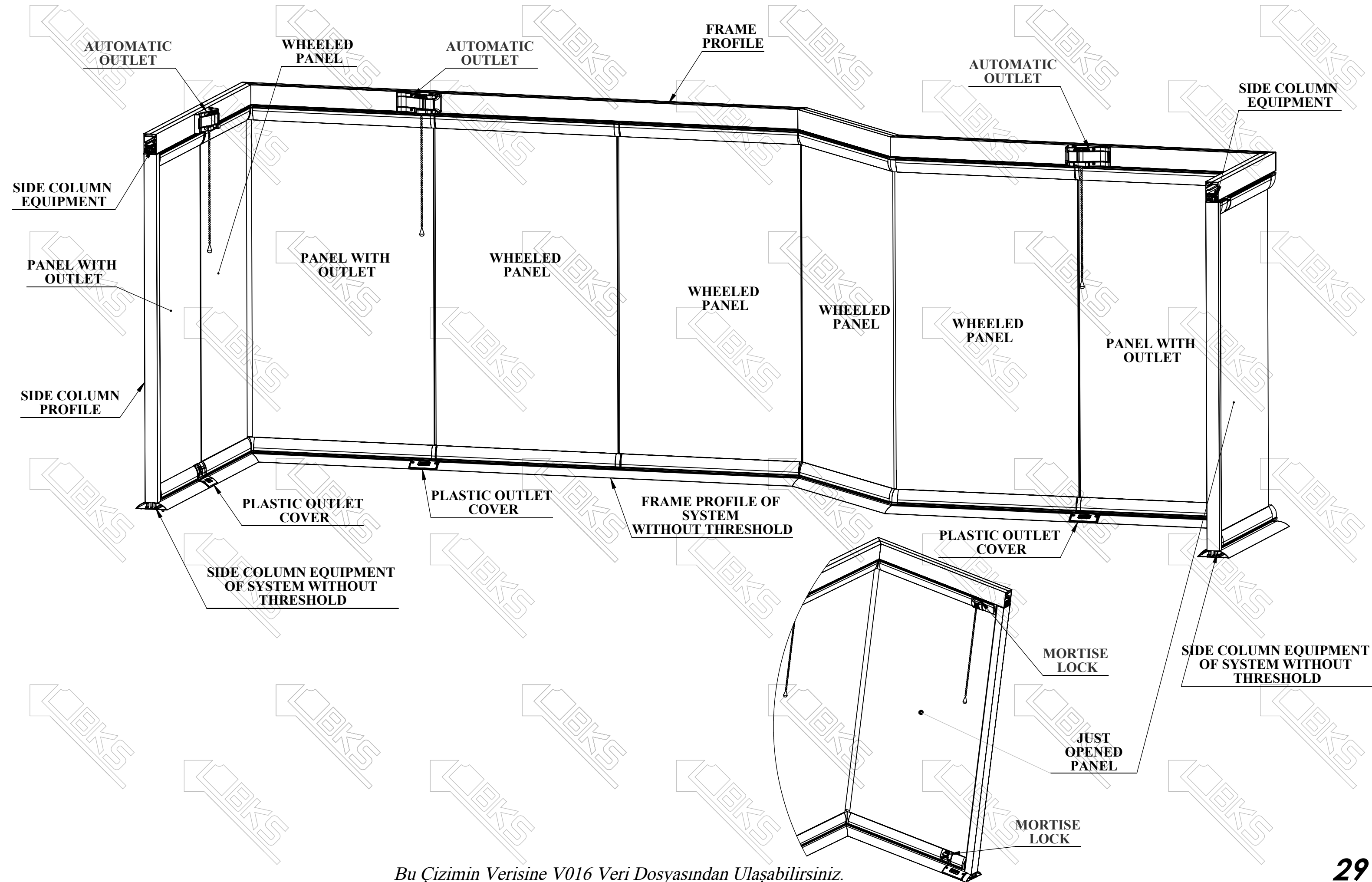
5.STEP

◆ THE MAGNET SEAL IS CUT AS LONG AS THE BASE COVER CAPS

◆ THE PLUG OF BKS GLASS CLEANER IS REMOVED AND APPLIED TO THE SIDE OF THE GLASS IN THE SAME DIRECTION. IT TAKES 4-5 MINUTES TO BECOME DRY.

◆ THE SEAL IS ASSEMBLED TO THE GLASS WITH THE GLASS SEAL ASSEMBLY EQUIPMENT.

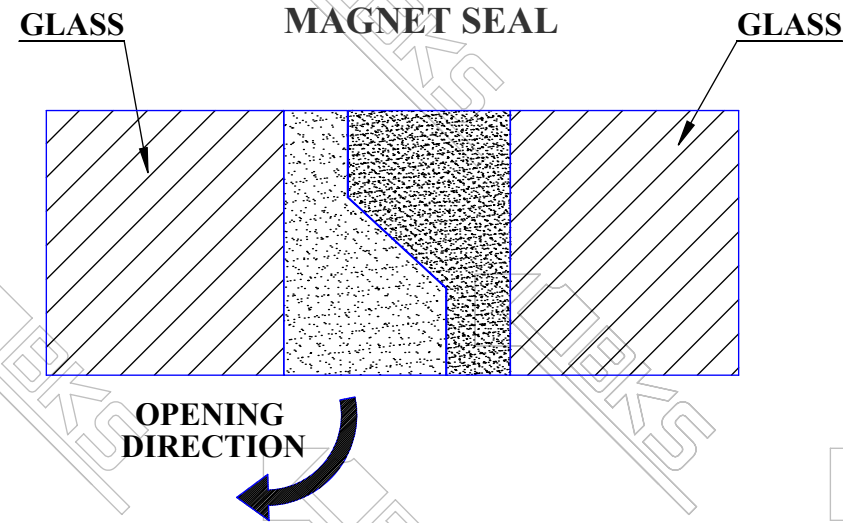
6.8. BKS FOLDING SYSTEM WITHOUT THRESHOLD APPLICATION FROM DIFFERENT ANGLE



7. BKS BALCONY GLAZING SEALS

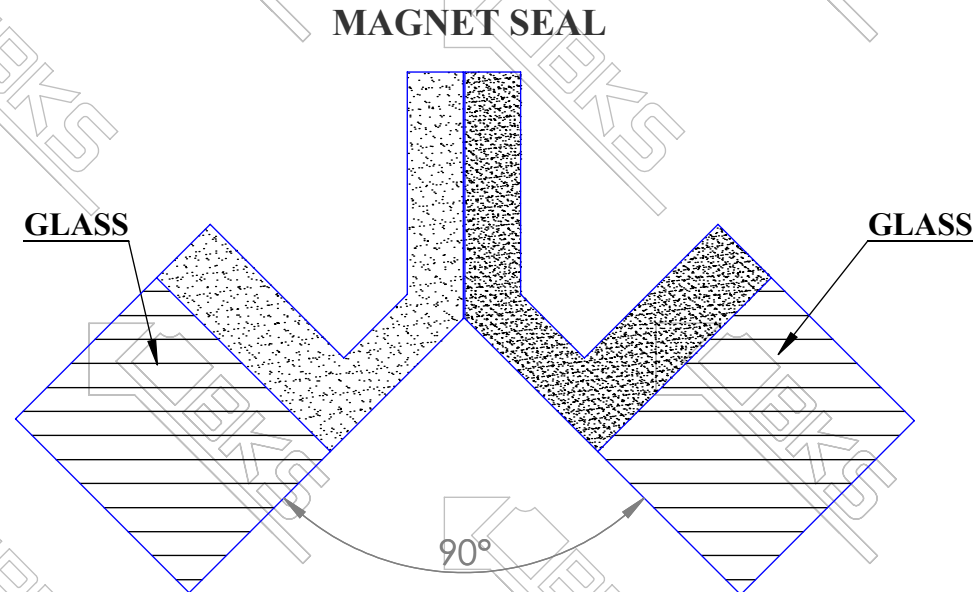
7.1. MAGNET SEAL

MAGNET SEAL FOR FLAT GLASS



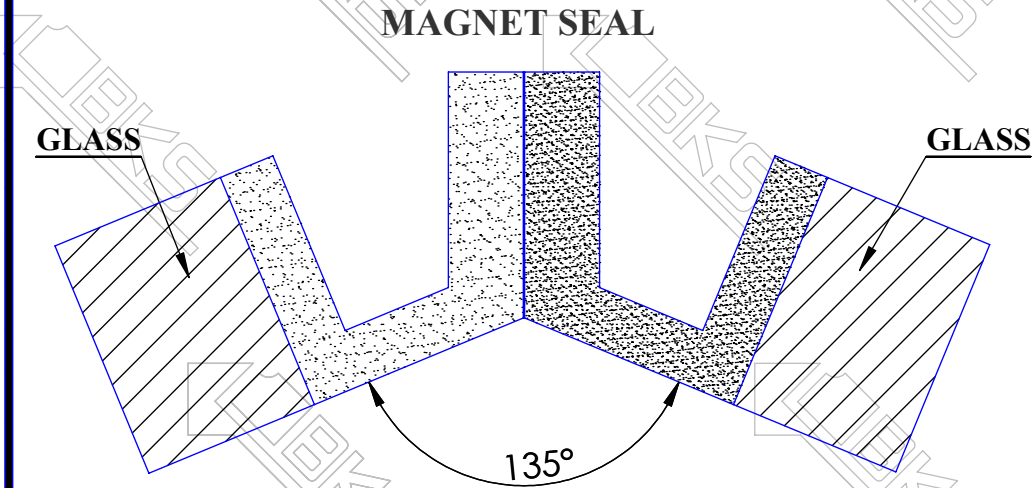
♦ ITS APPLIED IN OUTLET, OPENED AND WHEELED PANELS

BKS MAGNET SEAL 90 DEGREE



♦ ITS UTILIZED AT 90 DEGREE CORNER JOINTS IN GLAZED BALCONY SYSTEMS.

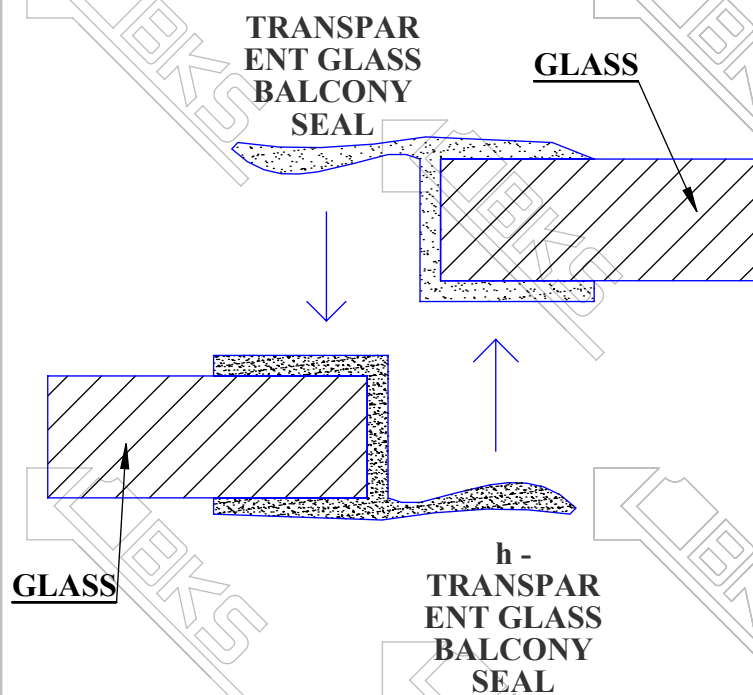
BKS MAGNET SEAL 135 DEGREE



♦ ITS UTILIZED AT 135 DEGREE CORNER JOINTS IN GLAZED BALCONY SYSTEMS.

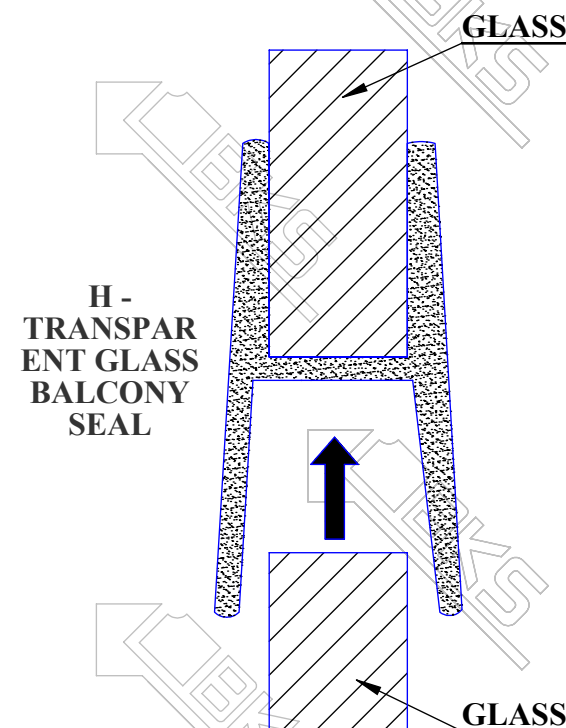
7.2. TRANSPARENT GLASS BALCONY SEAL

BKS h - TRANSPARENT GLASS BALCONY SEAL



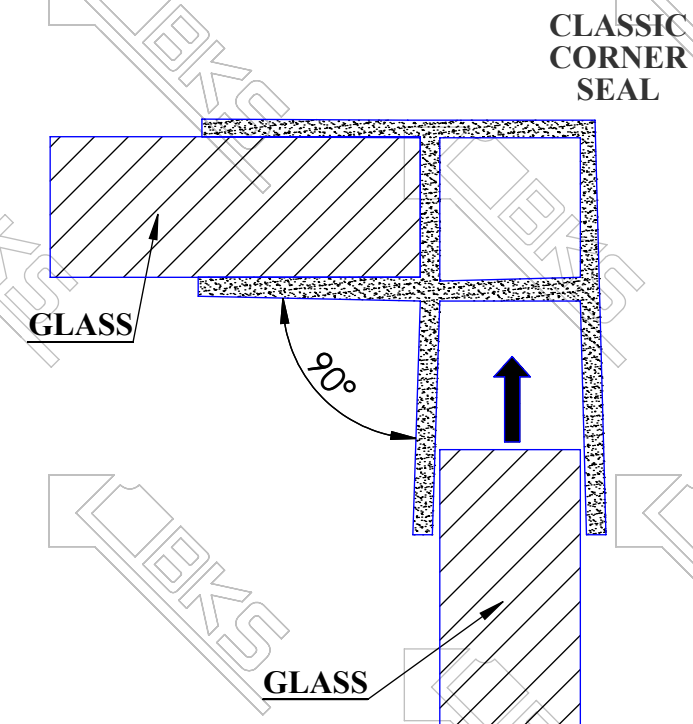
♦ ITS UTILIZED TO SEAL OUTLET OR OPENED GLASS PANEL IN BALCONY SYSTEMS.

BKS H - TRANSPARENT GLASS BALCONY SEAL



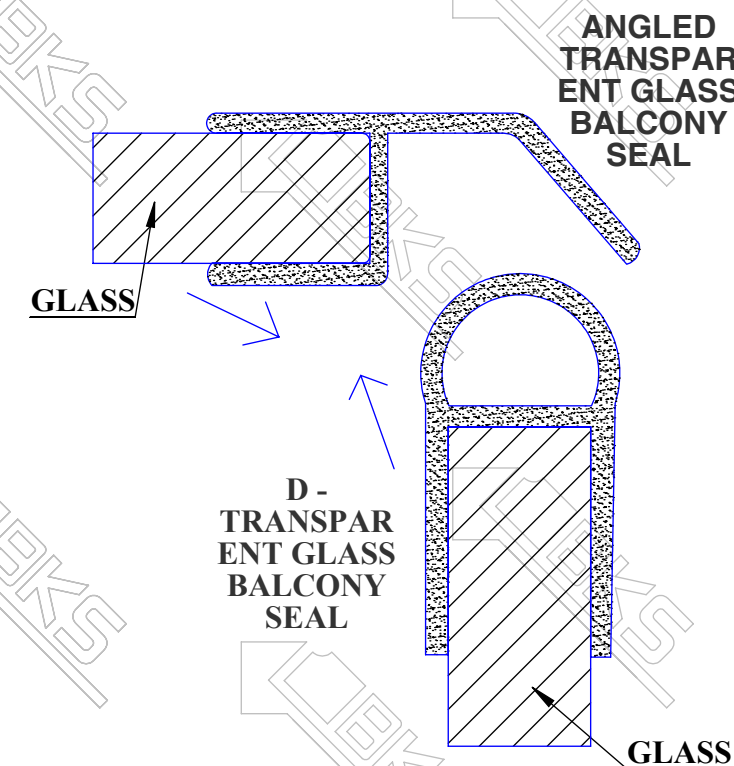
♦ ITS UTILIZED TO SEAL WHEELED GLASS PANEL IN BALCONY SYSTEMS.

BKS CLASSIC CORNER TRANSPARENT BALCONY SEAL



♦ ITS UTILIZED AT 90 DEGREE CORNER JOINTS IN GLAZED BALCONY SYSTEMS.

BKS ANGLED AND D - TRANSPARENT BALCONY SEAL



♦ ITS UTILIZED AT DIFFERENT DEGREE CORNER JOINTS IN GLAZED BALCONY SYSTEMS.