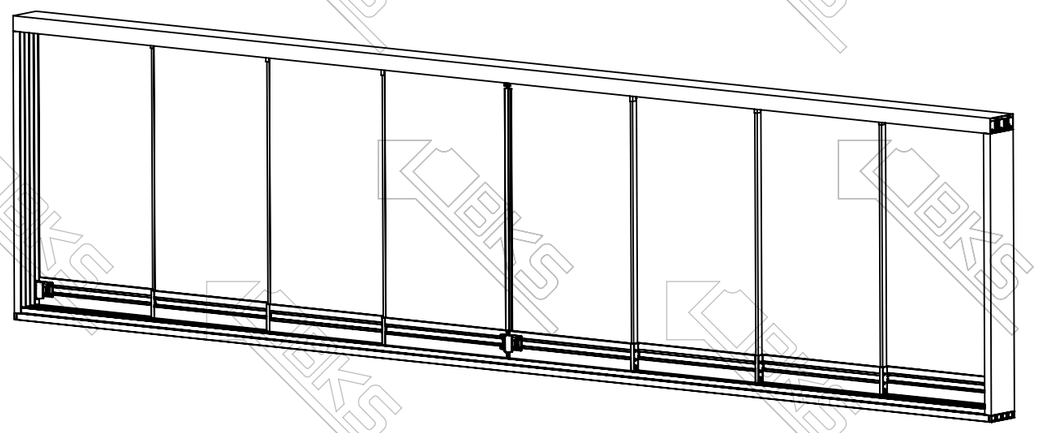
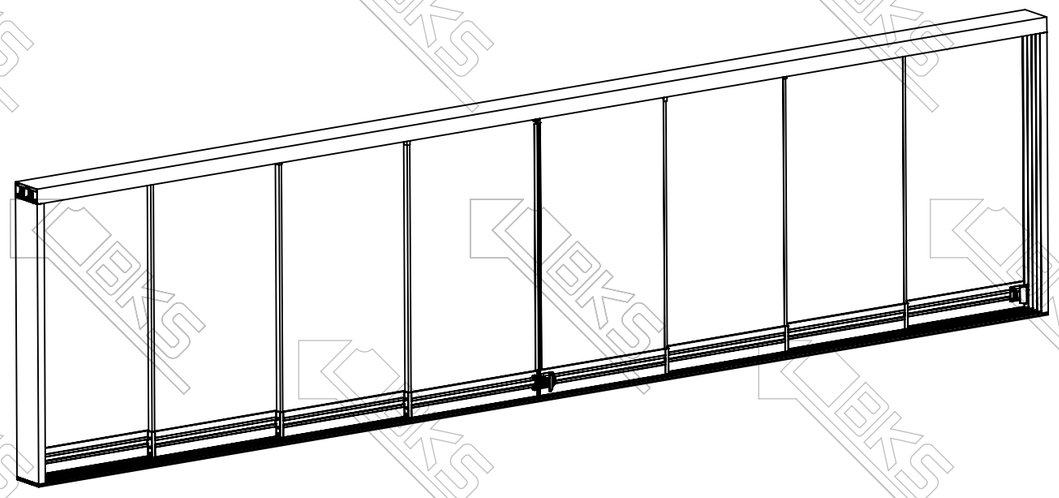
CONTENTS

1.BKS SLIDING SYSTEM OVERVIEW

SLIDING SYSTEM WITH THRESHOLD



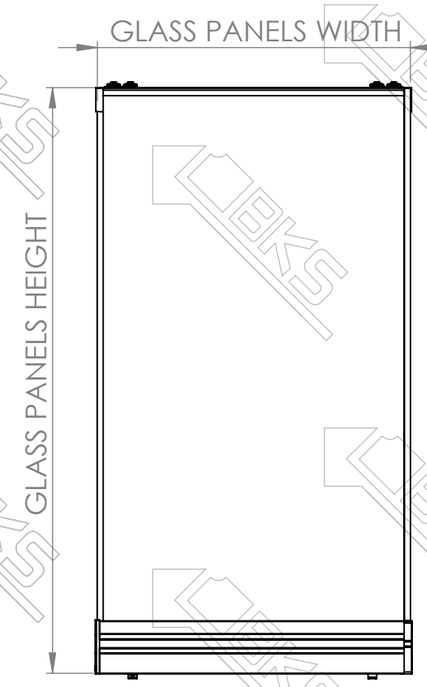
SLIDING SYSTEM WITHOUT THRESHOLD



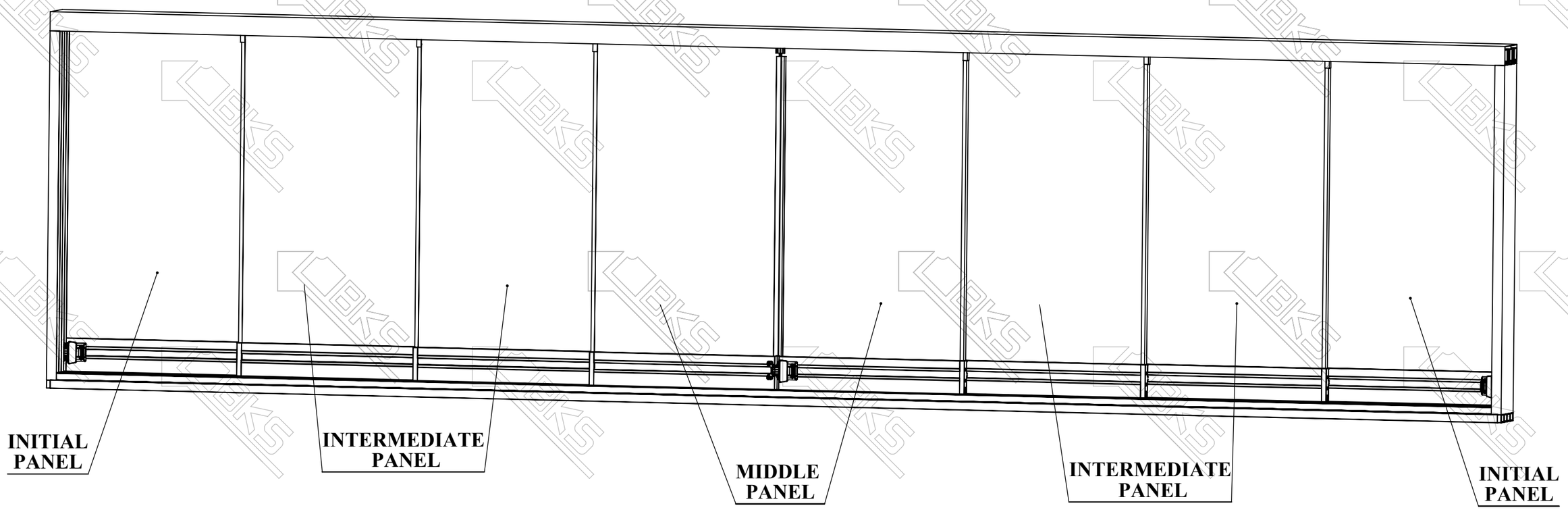
GENERAL INFORMATION:

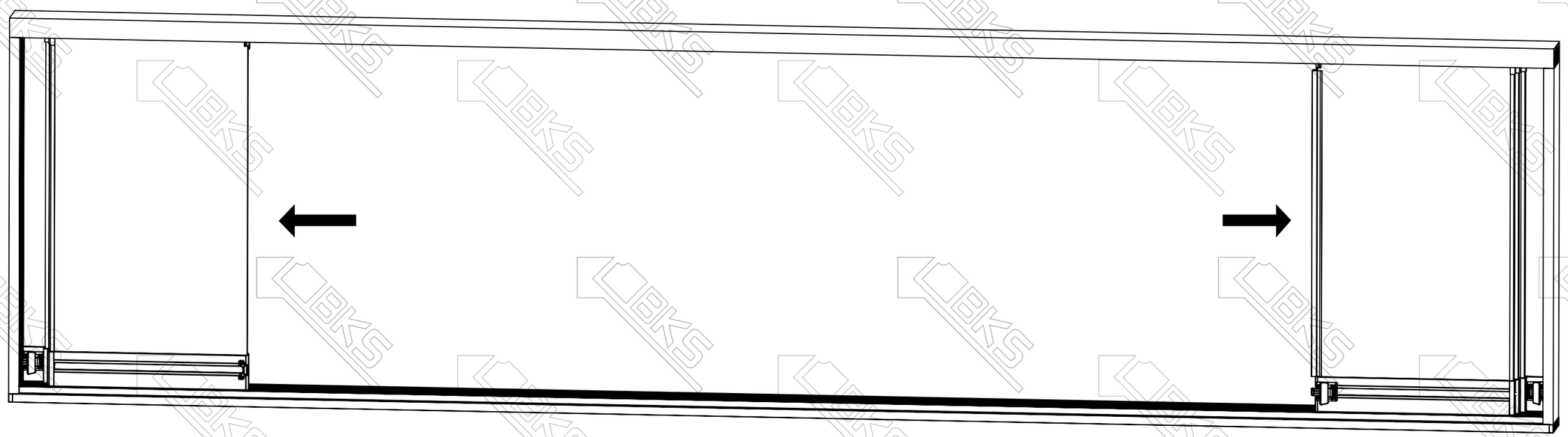
- **THE SLIDING SYSTEM DOESN'T HAVE LIMIT OF GLASS PANELS. FOR SYSTEMS LONGER THEN 6 METER NUMBER OF PANELS CAN BE INCREASED BY THE ADDITION OF THE LOWER AND UPPER FRAME PROFILE.**

- **MAXIMUM GLASS PANELS WIDTH : 1300 MM**
- **RECOMMENDED GLASS PANELS WIDTH : 1000 MM**
- **PANELS HEIGHT FOR 10 MM GLASS : 3000 MM**
- **PANELS HEIGHT FOR 8 MM GLASS : 3000 MM**



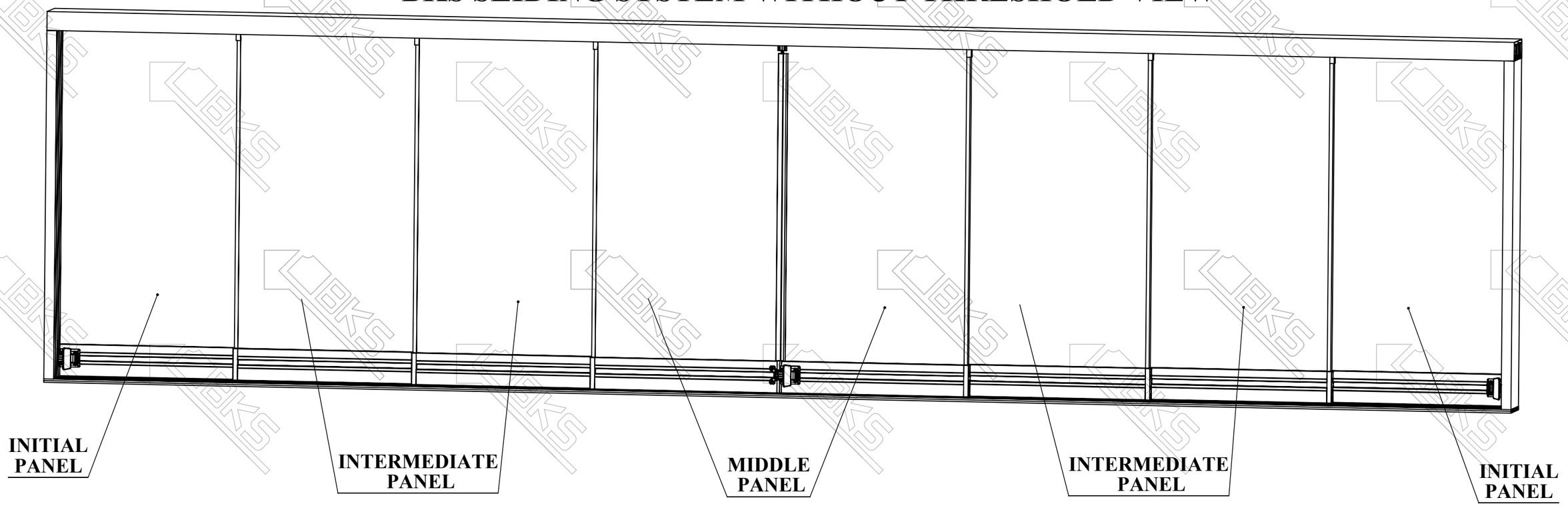
BKS SLIDING SYSTEM WITH THRESHOLD VIEW

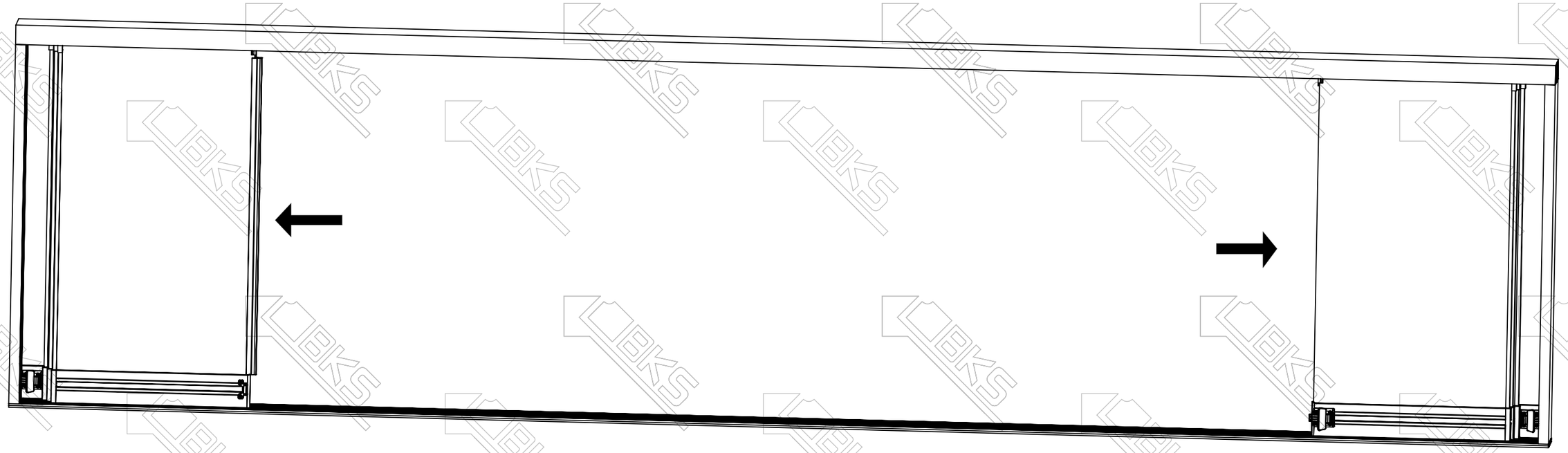




Bu Çizimin Verisine V018 Veri Dosyasından Ulaşabilirsiniz.

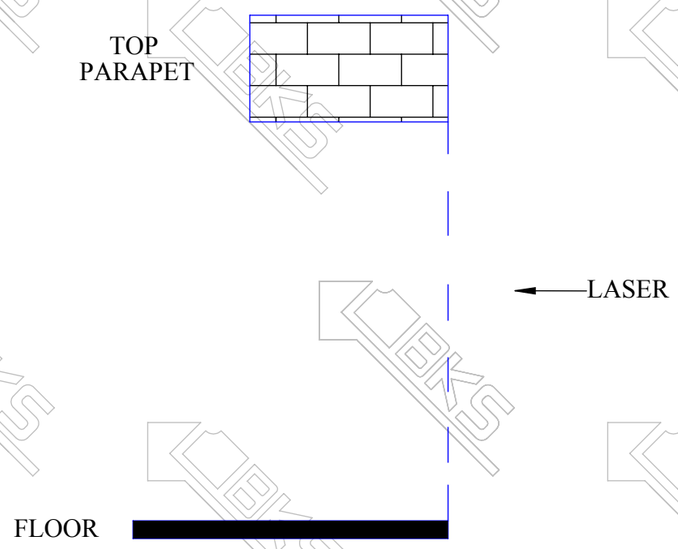
BKS SLIDING SYSTEM WITHOUT THRESHOLD VIEW



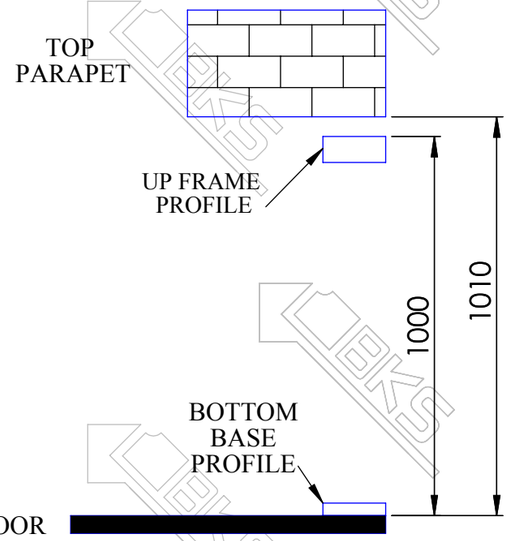


Bu Çizimin Verisine V018 Veri Dosyasından Ulaşabilirsiniz.

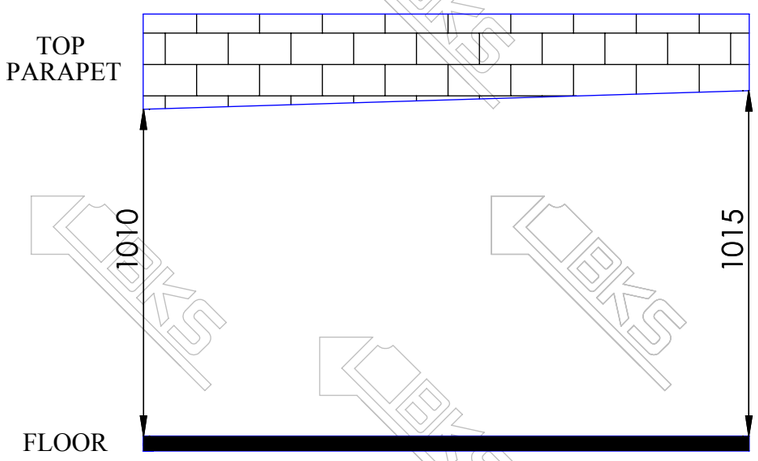
2. BKS SLIDING SYSTEM MANAGEMENT OF TAKING MEASURE



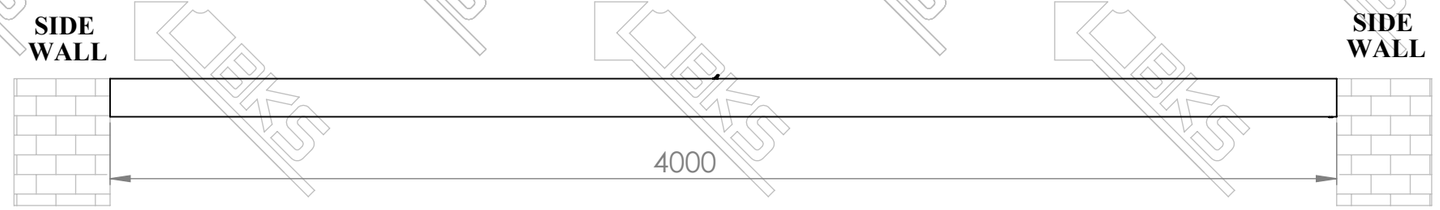
1. UPPER AND LOWER PARAPET ARE DEFINED USING CONSTRUCTION LASERS.
2. MEASUREMENT SHOULD BE TAKEN WITH SAME LEVEL OF THE UPPER PARAPET OUTER EDGE.
3. BOTTOM FRAME SHOULD BE MEASURED USING LASER REFER TO THE TOP OF THE PARAPET.



OPERATIONAL DEDUCTIBLE GAP IS 10 mm.



THE SYSTEM HEIGHT MUST BE TAKEN FROM THE TOP OF THE LOWEST POINT



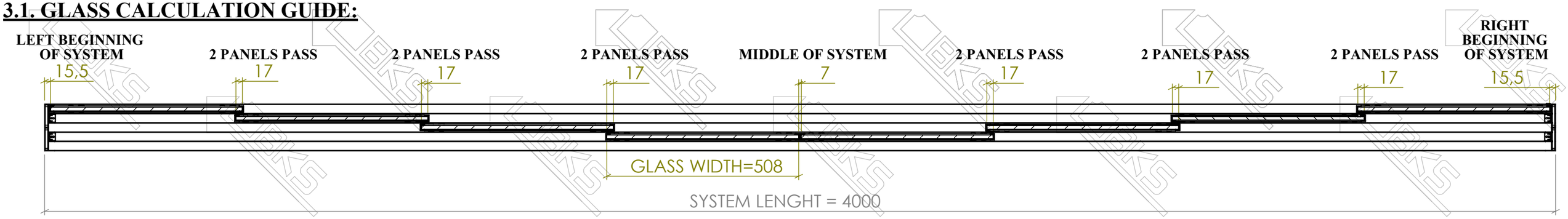
NECESSARY DATA FOR THE BKS SLIDING SYSTEM :

1. **LENGHT**
2. **HEIGHT**
3. **NUMBER OF PANELS**
4. **PROFILE COLOR**
5. **GLASS COLOR**

Bu Çizimin Verisine V018 Veri Dosyasından Ulaşabilirsiniz.

3. BKS SLIDING SYSTEM WITHOUT THRESHOLD CALCULATION

3.1. GLASS CALCULATION GUIDE:



GLASS WIDTH CALCULATION TABLE	
FOR THE RIGHT AND LEFT BEGINNING OF SYSTEM	15.5 MM
FOR THE CENTER OF SYSTEM	7 MM
FOR THE PANELS PASS	17 MM

EXAMPLE OF CALCULATION:

FORMULA: GLASS WIDTH CALCULATION

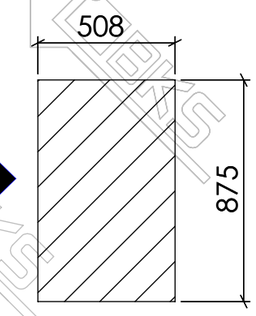
SYSTEM LENGHT **4000 MM** − LEFT BEGINNING OF SYSTEM **15.5 MM** − RIGHT BEGINNING OF SYSTEM **15.5 MM** − CENTER OF SYSTEM **7 MM** + **INTERSECTING PANEL * 17 COUNT** **6 x 17 = 102 MM** / PANEL NUMBER **8** = **ONE GLASS DIMENSION 508 MM**

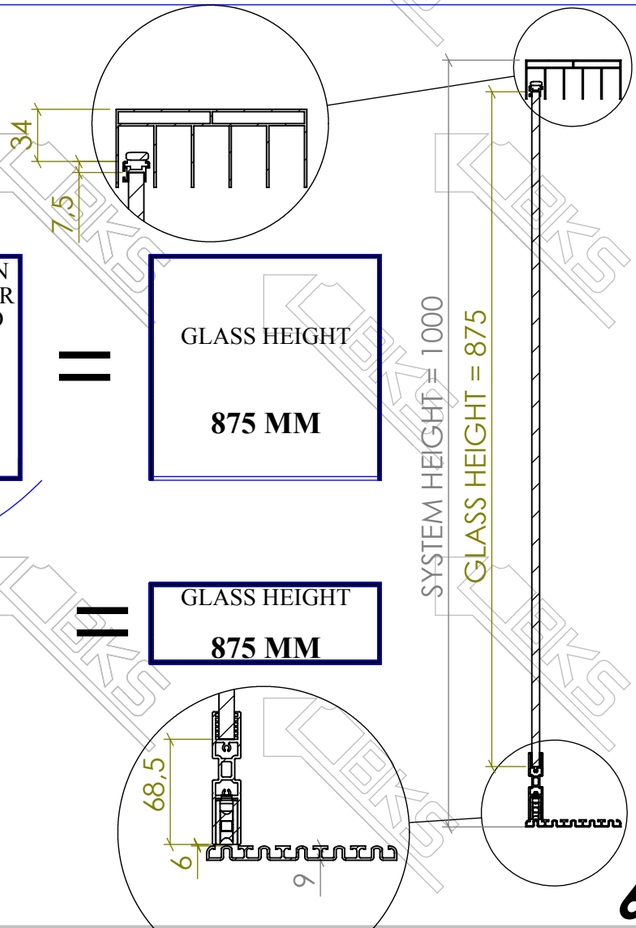
FORMULA: GLASS HEIGHT CALCULATION

SYSTEM HEIGHT **1000 MM** − LOWER FRAME PROFILE HEIGHT **9 MM** − DISTANCE BETWEEN LOWER FRAME PROF. AND LOWER BASE PROF. **6 MM** − DISTANCE BETWEEN GLASS AND **68.5 MM** − DISTANCE BETWEEN GLASS AND BEGINNING OF UPPER BASE PROFILE **7.5 MM** − DISTANCE BETWEEN BEGINNING OF UPPER BASE PROFILE AND BEGINNING OF UPPER FRAME PROFILE **34 MM** = GLASS HEIGHT **875 MM**

SYSTEM HEIGHT **1000 MM** − **125 MM** = GLASS HEIGHT **875 MM**

GLASS DIMENSION →





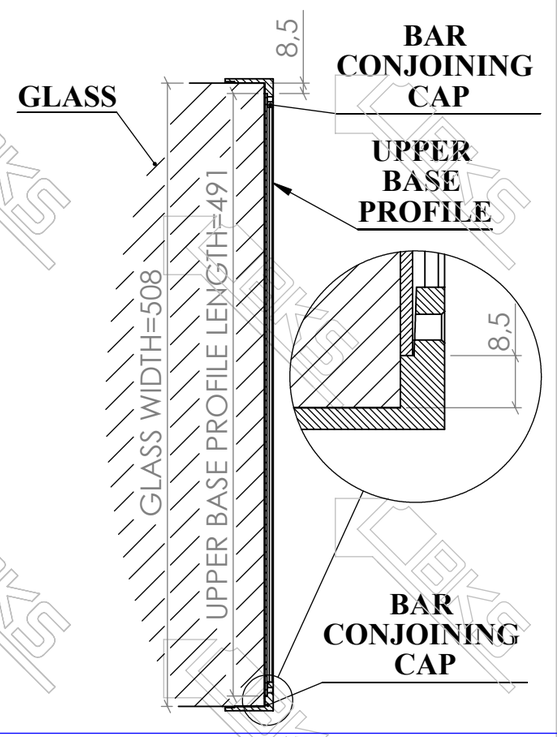
Bu Çizimin Verisine V018 Veri Dosyasından Ulaşabilirsiniz.

3.2.BASE PROFILE CALCULATION METHOD

3.2.1.UPPER BASE PROFILE CALCULATION

FORMULA: UPPER BASE PROFILE LENGTH CALCULATION

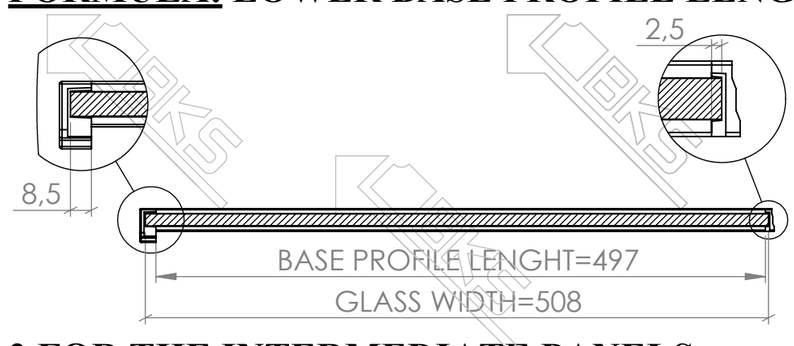
GLASS WIDTH		INNER SPACE OF THE BAR CONJOINING CAP		INNER SPACE OF THE BAR CONJOINING CAP		UPPER BASE PROFILE LENGTH
508 MM	−	8,5 MM	−	8,5 MM	=	491 MM



3.2.2.LOWER BASE PROFILE CALCULATION

1.FOR THE INITIAL AND MIDDLE PANELS;

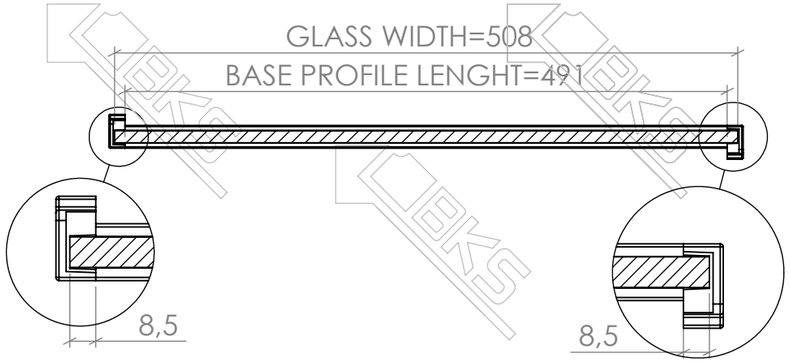
FORMULA: LOWER BASE PROFILE LENGTH CALCULATION



GLASS WIDTH		INNER SPACE OF THE MIDDLE AND SIDE COLUMN CAPS		INNER SPACE OF THE INTERMEDIATE BASE CAPS		LOWER BASE PROFILE LENGHT
508 MM	−	8,5 MM	−	2,5 MM	=	497 MM

2.FOR THE INTERMEDIATE PANELS;

FORMULA: LOWER BASE PROFILE LENGTH CALCULATION



GLASS WIDTH		INNER SPACE OF THE INTERMEDIATE BASE CAPS		INNER SPACE OF THE INTERMEDIATE BASE CAPS		LOWER BASE PROFILE LENGHT
508 MM	−	8,5 MM	−	8,5 MM	=	491 MM

Bu Çizimin Verisine V018 Veri Dosyasından Ulaşabilirsiniz.

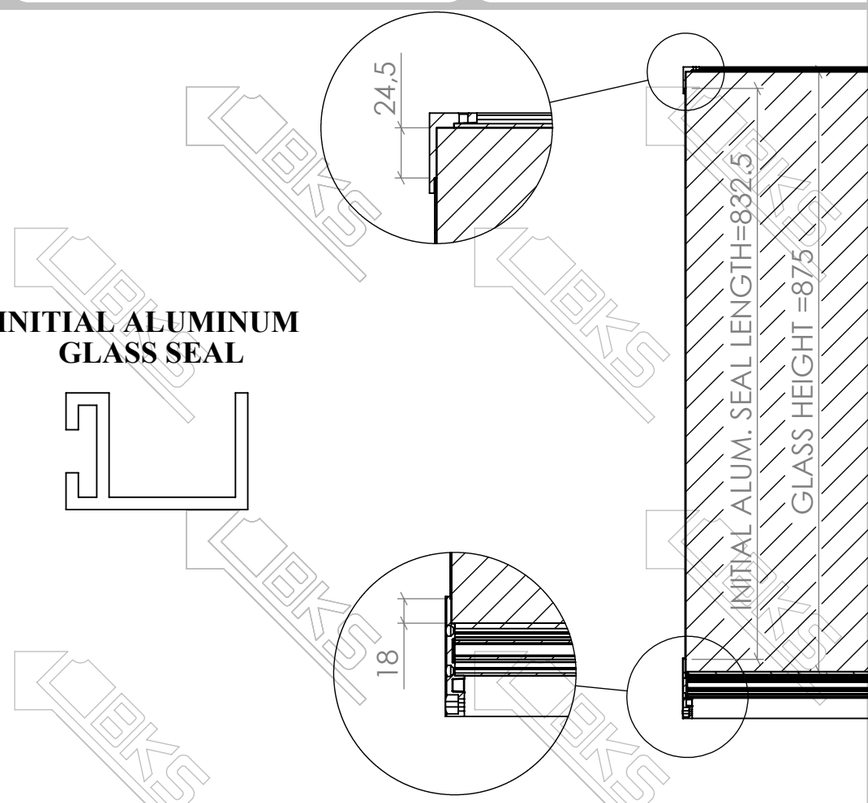
3.3.GLASS SEAL CALCULATION GUIDE

3.3.1. LENGTH CALCULATION OF INITIAL GLASS SEAL

FORMULA: INITIAL ALUM. SEAL LENGTH CALCULATION

GLASS HEIGHT		GLASS GAP DIMENTION INTO BASE PROFILE		GLASS GAP DIMENTION INTO BAR CONJOINING CAP		INITIAL ALUM. SEAL LENGTH
875 MM	−	18 MM	−	24.5 MM	=	832.5 MM

INITIAL ALUMINUM GLASS SEAL

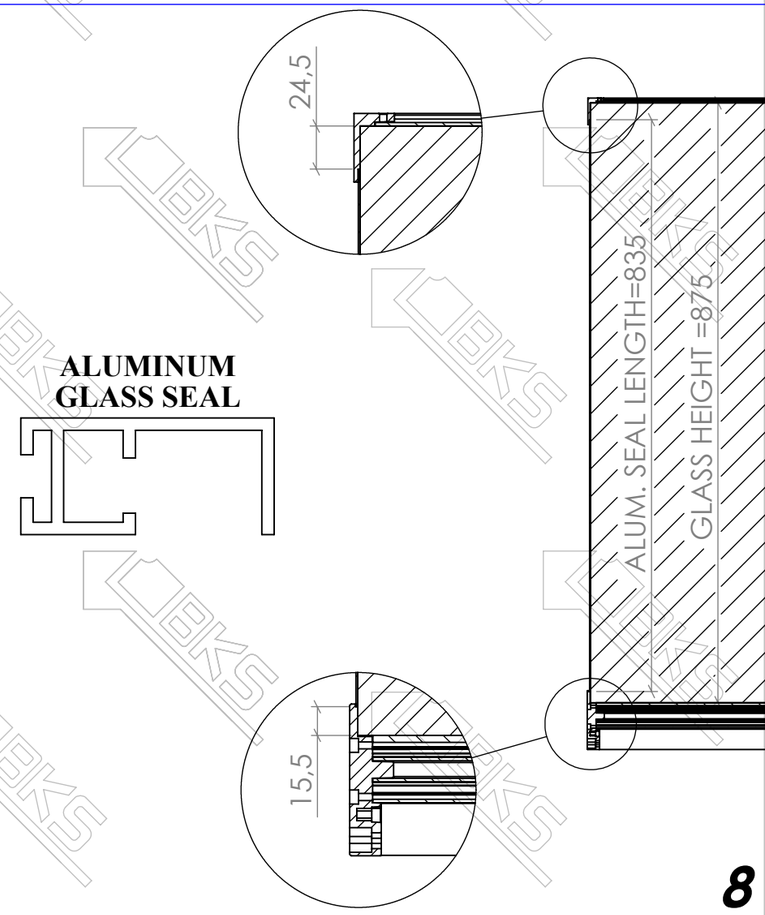


3.3.2. LENGTH CALCULATION OF GLASS SEAL

FORMULA: ALUM. SEAL LENGTH CALCULATION

GLASS HEIGHT		BASE INTERMEDIATE CAPS GAP DIMENTION		GLASS GAP DIMENTION INTO BAR CONJOINING CAP		ALUM. SEAL LENGTH
875 MM	−	15.5 MM	−	24.5 MM	=	835 MM

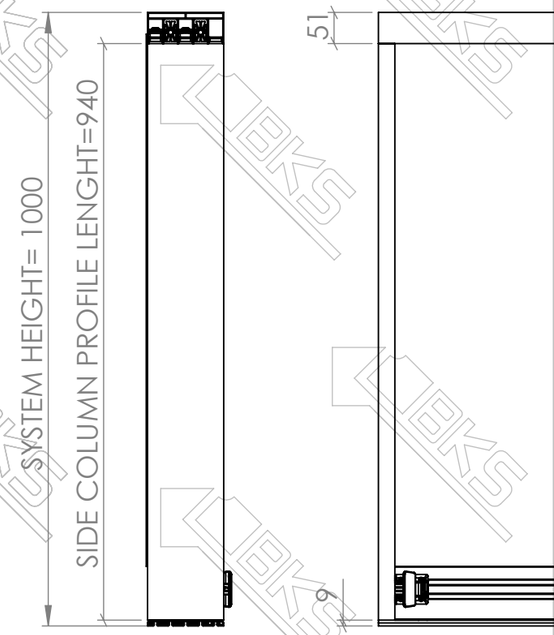
ALUMINUM GLASS SEAL



3.4. SIDE COLUMN PROFILE CALCULATION METHOD

FORMULA: SIDE COLUMN CALCULATION

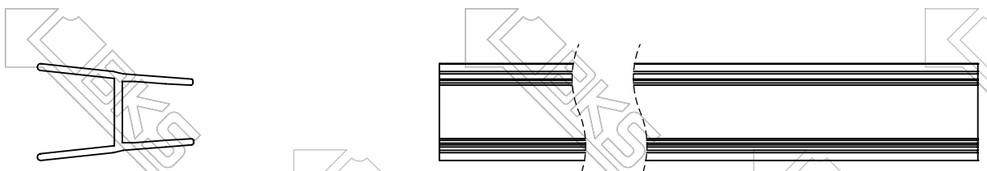
SYSTEM HEIGHT	−	LOWER BASE PROFILE HEIGHT	−	UPPER BASE PROFILE HEIGHT	=	SIDE COLUMN PROFILE LENGHT
1000 MM		9 MM		51 MM		940 MM



3.5. LENGTH CALCULATION OF H TRANPARENT SEAL

♦ H SEAL IS UTİLİZED AT EDGES OF 2 MIDDLE PANELS. H SEAL LENGTH IS THE SAME AS FOR AN INITIAL ALUMINUM SEAL.

H-SEAL

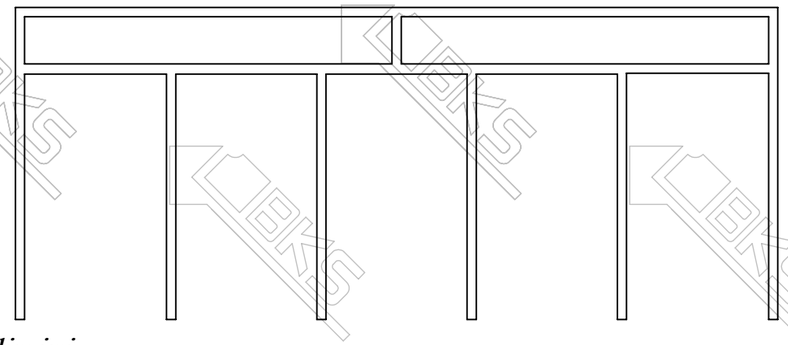


3.6. FRAME PROFILE CALCULATION GUIDE

♦ AS MENTIONED IN PART «TAKING MEASURES», FRAME PROFILE MUST BE CUT AS SYSTEM LENGTH.

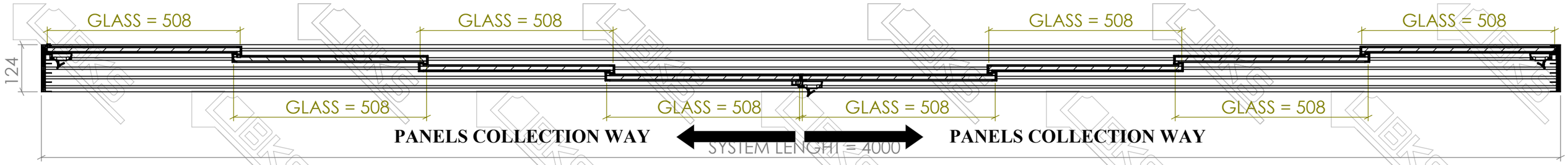
LOWER FRAME PROFILE

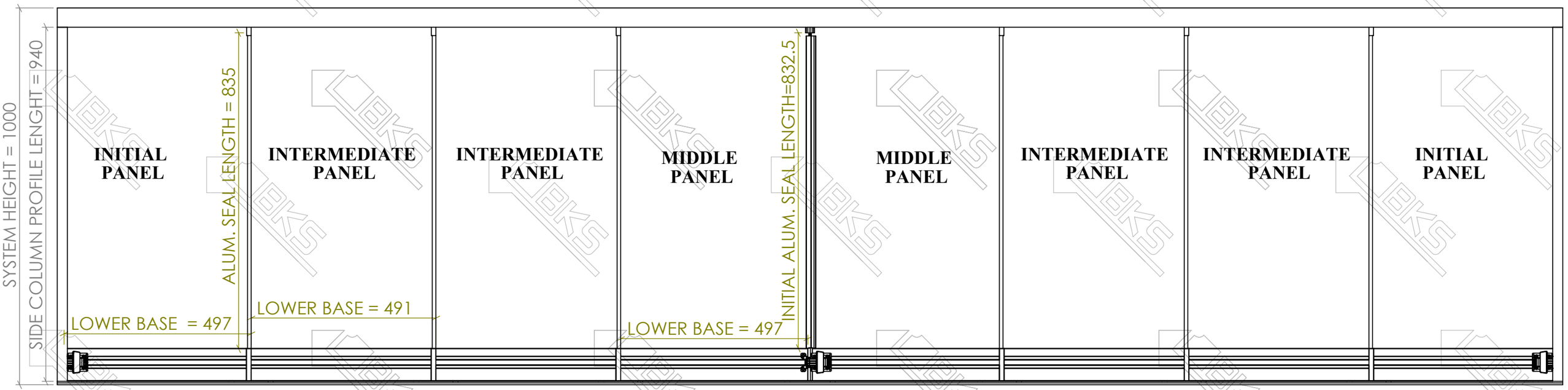
UPPER FRAME PROFILE

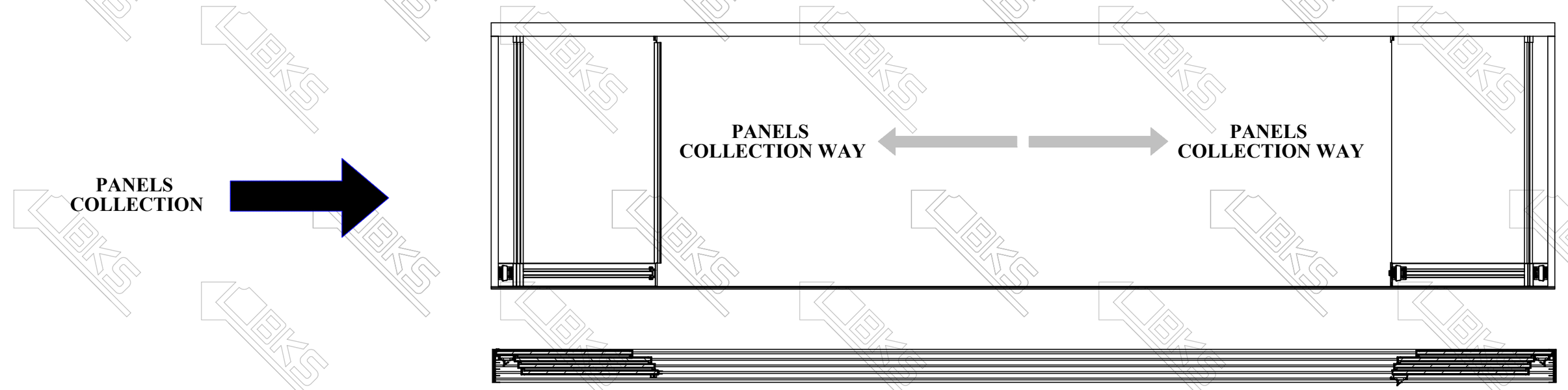


Bu Çizimin Verisine V018 Veri Dosyasından Ulaşabilirsiniz.

3.7.EXAMPLE OF CALCULATION







Bu Çizimin Verisine V018 Veri Dosyasından Ulaşabilirsiniz.

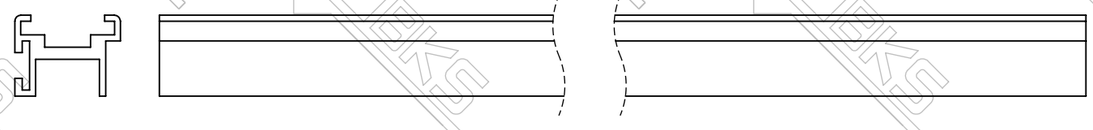
4. PRODUCTION STEPS OF BKS SLIDING SYSTEM WITHOUT THRESHOLD

1. STEP

UPPER BASE PROFILE CUTTING

♦ UPPER BASE PROFILE MEASURES WAS OBTAINED BY DESCRIBED FORMULA IN CHAPTER «UPPER BASE PROF. CALCULATION». THEN, FOR EACH PANEL ONLY 1 PIECE CAN BE CUT.

UPPER BASE PROFILE

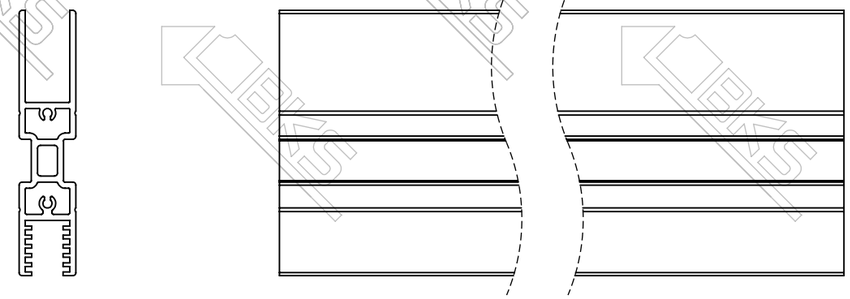


2. STEP

LOWER BASE PROFILE CUTTING

♦ LOWER BASE PROFILE OF INITIAL AND MIDDLE PANELS ARE DIFFERENT AS DESCRIBED IN CHAPTER «LOWER BASE PROF. CALCULATION». ACCORDING TO THE VALUES, FOR EACH PANEL IS CUT ONLY ONE PIECE.

LOWER BASE PROFILE



3. STEP

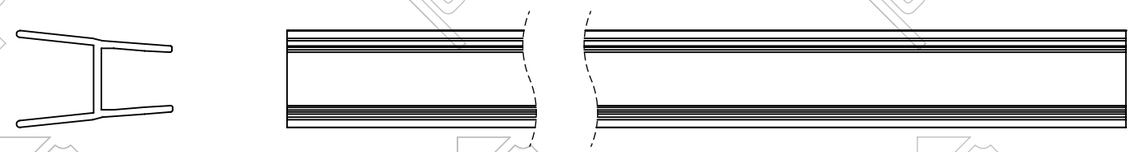
INITIAL ALUM. SEAL AND H-SEAL CUTTING

♦ SEAL CAN BE CUT REFER TO DESCRIBED FORMULA. INITIAL SEAL WILL BE INSTALLED ON INITIAL AND MIDDLE PANELS FROM THE OUTER EDGE

♦ H SEAL LENGTH IS THE SAME AS FOR AN INITIAL ALUMINUM SEAL.

INITIAL ALUMINUM GLASS SEAL

H-SEAL

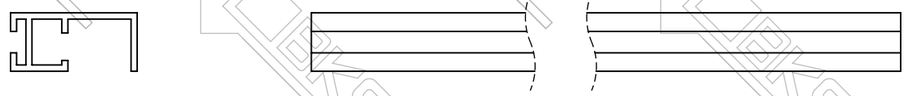


4. STEP

INTERMEDIATE SEAL CUTTING

♦ INTERMEDIATE SEAL CAN BE CUT REFER TO DESCRIBED FORMULA. THE SEAL WILL BE INSTALLED ON THE INTERMEDIATE PANELS FROM THE INNER EDGE.

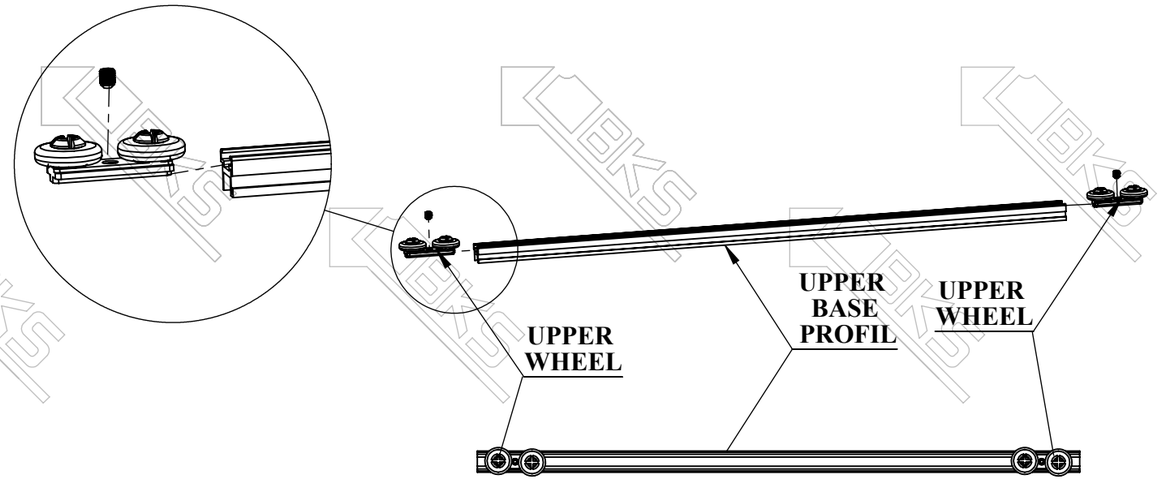
ALUMINUM GLASS SEAL



5. STEP

HOW TO INSTALL UPPER WHEEL TO UPPER BASE PROFIL

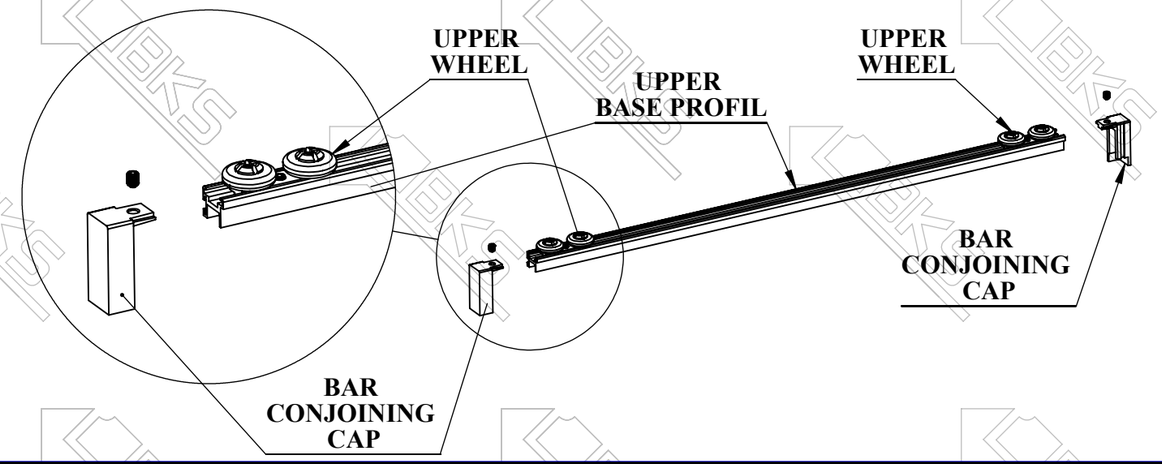
- AT EACH UPPER BASE PROFILE AT THE EDGES UPPER WHEELS ARE MOUNTING. ONLY AFTER BAR CONJOINING CAP INSTALLATION, IT CAN BE TIGHTENED.



6. STEP

HOW TO INSTALL BAR CONJOINING CAP TO BASE PROFIL

- BAR CONJOINING CAPS TAKE PLACE ON THE UPPER BASE PROFILE END. CAPS ARE TIGHTENED WITH ALLEN WRENCH. AFTER INSTALL THE BAR CONJOINING CAP UPPER WHEELS CAN BE SCREWED TOO.



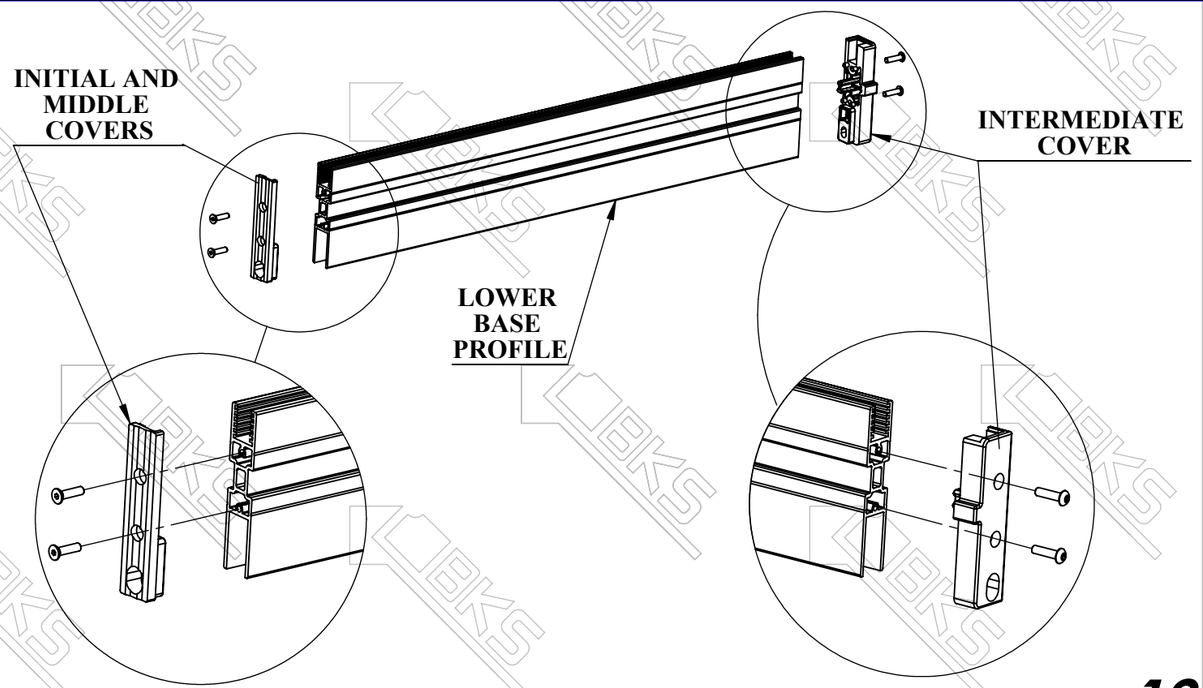
7. STEP

INITIAL AND MIDDLE CAPS INSTALLATION

- INITIAL AND MIDDLE CAPS ARE MOUNTING TO THE INITIAL AND MIDDLE PANELS FROM ITS OUTSIDE BOTTOM CORNERS. NOW THIS CAPS CAN BE SCREWED TO BOTTOM BASE PROFILE

HOW TO INSTALL INTERMEDIATE CAPS TO BASE PROFIL

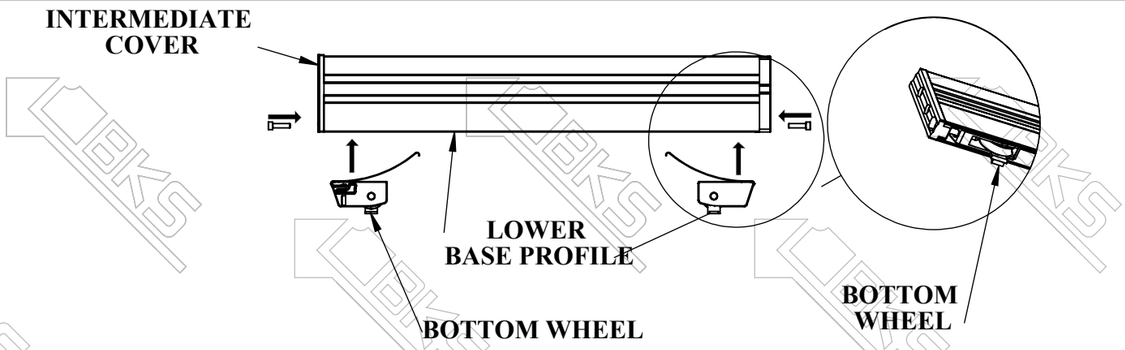
- INTERMEDIATE CAPS ARE MOUNTING TO THE FOLLOWING PANELS FROM ITS BOTTOM CORNERS. NOW THIS CAPS CAN BE SCREWED TO BOTTOM BASE PROFILE



BOTTOM WHEEL INSTALLATION

8. STEP

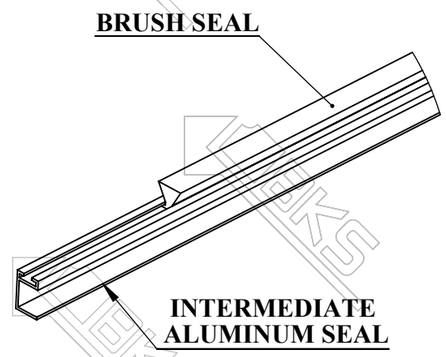
- BOTTOM WHEELS SLIDE ON LOWER BASE PROFILE UNTIL INTERMEDIATE CAPS, AS SHOWN ON DRAWING. THEN IT'S SCREWED.



BRUSH SEAL INSTALLATION TO UPPER BASE PROFILE OR ALUMINUM SEAL

9. STEP

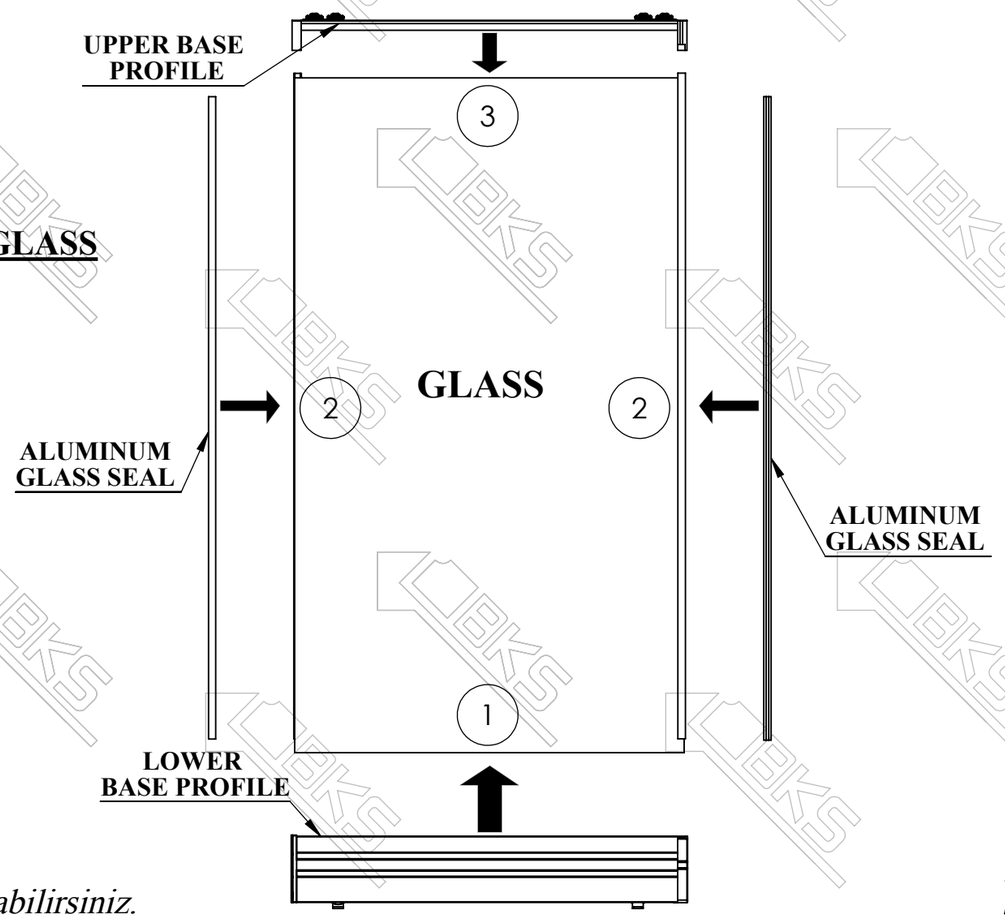
- BRUSH SEAL IS CUT TO LENGTH OF THE UPPER BASE PROFILE, AND INSERTS INTO IT.
- BRUSH SEAL IS CUT TO LENGTH OF THE ALUMINUM SEA UNTIL CONJOINING BAR, AND INSERTS INTO IT.



UPPER LOWER BASE PROFILE AND ALUMINUM SEAL INSTALLATION TO GLASS

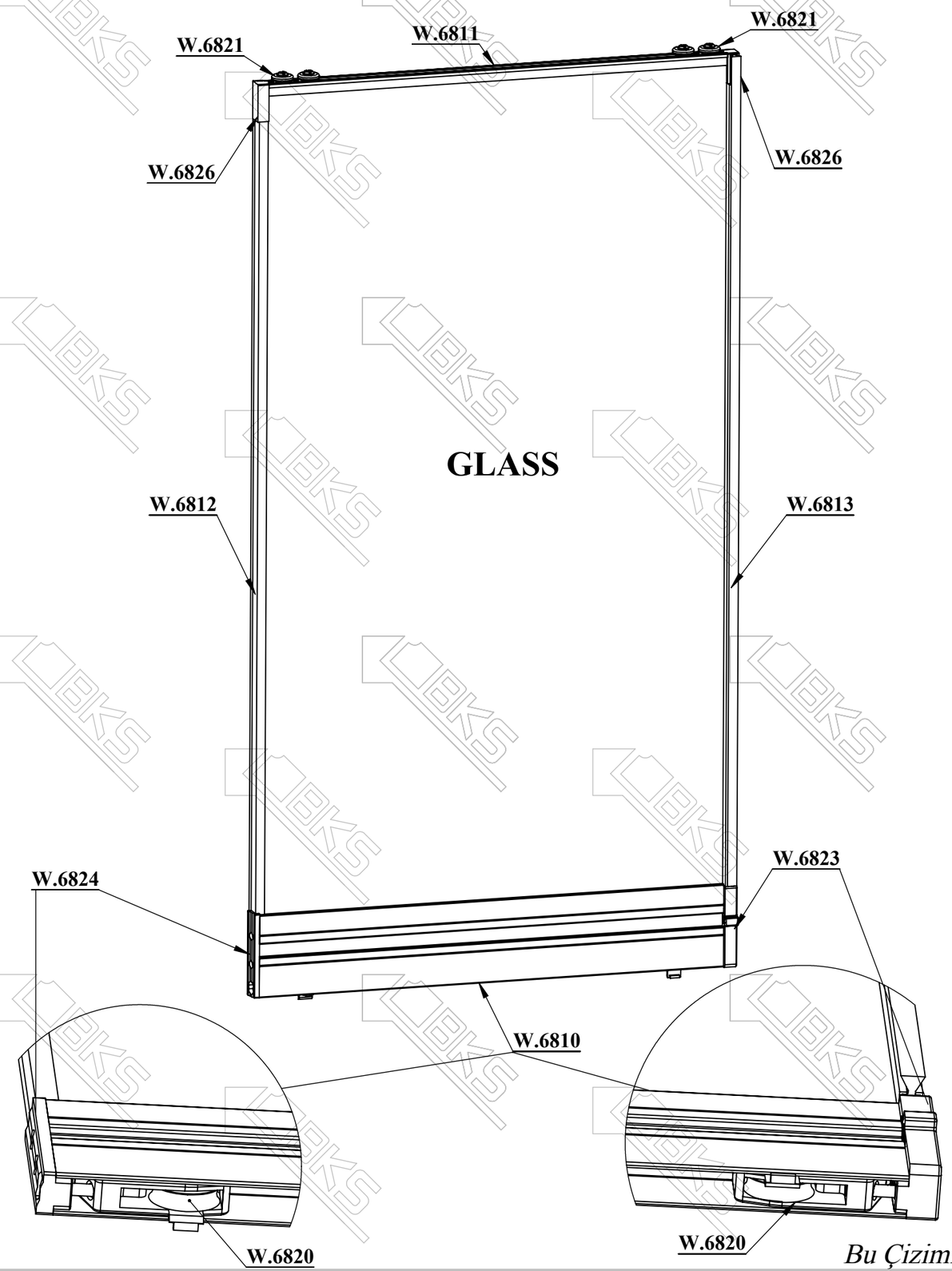
10. STEP

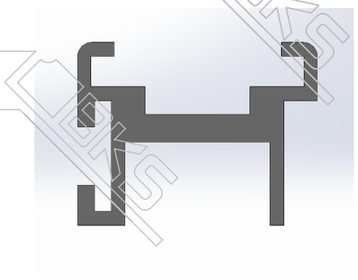
- LOWER BASE PROFILE IS GLUED TO GLASS.
- PREPARED ALUMINUM SEAL WITH BRUSH SEAL ARE MOUNTED TO THE GLASS PANEL .IT MUST REACH TO CONJOINING BAR.
- INSTEAD OF ALUMINUM SEAL, H-SEAL IS MOUNTED ON THE MIDDLE PANELS OPPOSITE EDGES.
- UPPER BASE PROFILE IS GLUED TO GLASS.



4.1. NEEDED PARTS FOR INITIAL PANEL

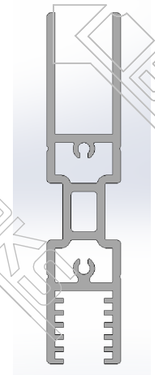
◆ NEEDED PARTS OF MIDDLE AND INITIAL PANELS ARE SAME, EXCEPT AN INITIAL SEAL. INSTEAD OF INITIAL SEAL AT THE MIDDLE PANEL H-SEAL IS USED.





W.6811
UPPER BASE PROFILE

ONLY ONE PIECE IS USED AT EACH GLASS PANEL FROM SYSTEM TOP.

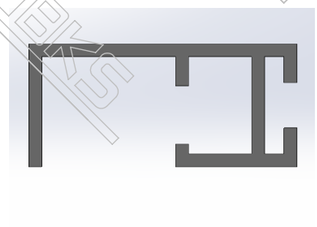


W.6810
BOTTOM BASE PROFILE

ONLY ONE PIECE IS USED AT EACH GLASS PANEL FROM SYSTEM BOTTOM.

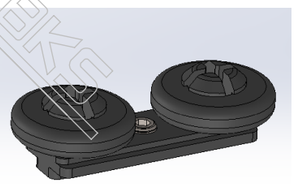
W.6813
INITIAL ALUMINUM SEAL

ITS USED ON THE OUTER EDGES OF INITIAL PANELS AS INSULATION.



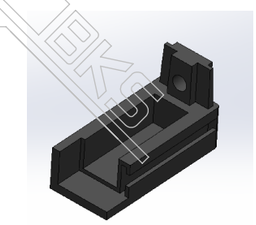
W.6812
INTERMEDIATE ALUMINUM SEAL

ITS USED BETWEEN GLASS PANLES AS INSULATION



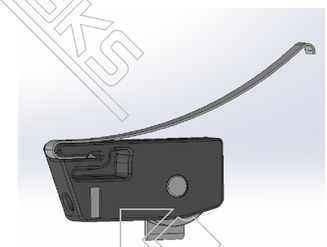
W.6821
UPPER WHEEL

IT'S MOUNTED ON THE EACH EDGE OF THE UPPER GLASS PROFILE, ENSURING BALANCE OF THE SYSTEM.



W.6826
BAR CONJOINING CAP

IT'S MOUNTED ON THE EACH TOP EDGE OF THE GLASS PANEL.

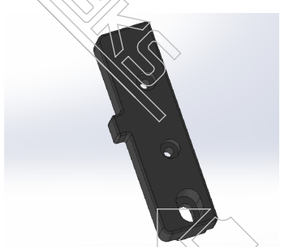


W.6820
BOTTOM WHEEL

IT'S MOUNTED ON THE EACH EDGE OF THE LOWER GLASS PROFILE, PROVIDING MOTION OF THE PANELS.

W.6824
MIDDLE AND INITIAL CAPS

IT'S INSTALLED ON THE LOWER BASE PROFILE AT THE END OR MIDDLE POINTS.

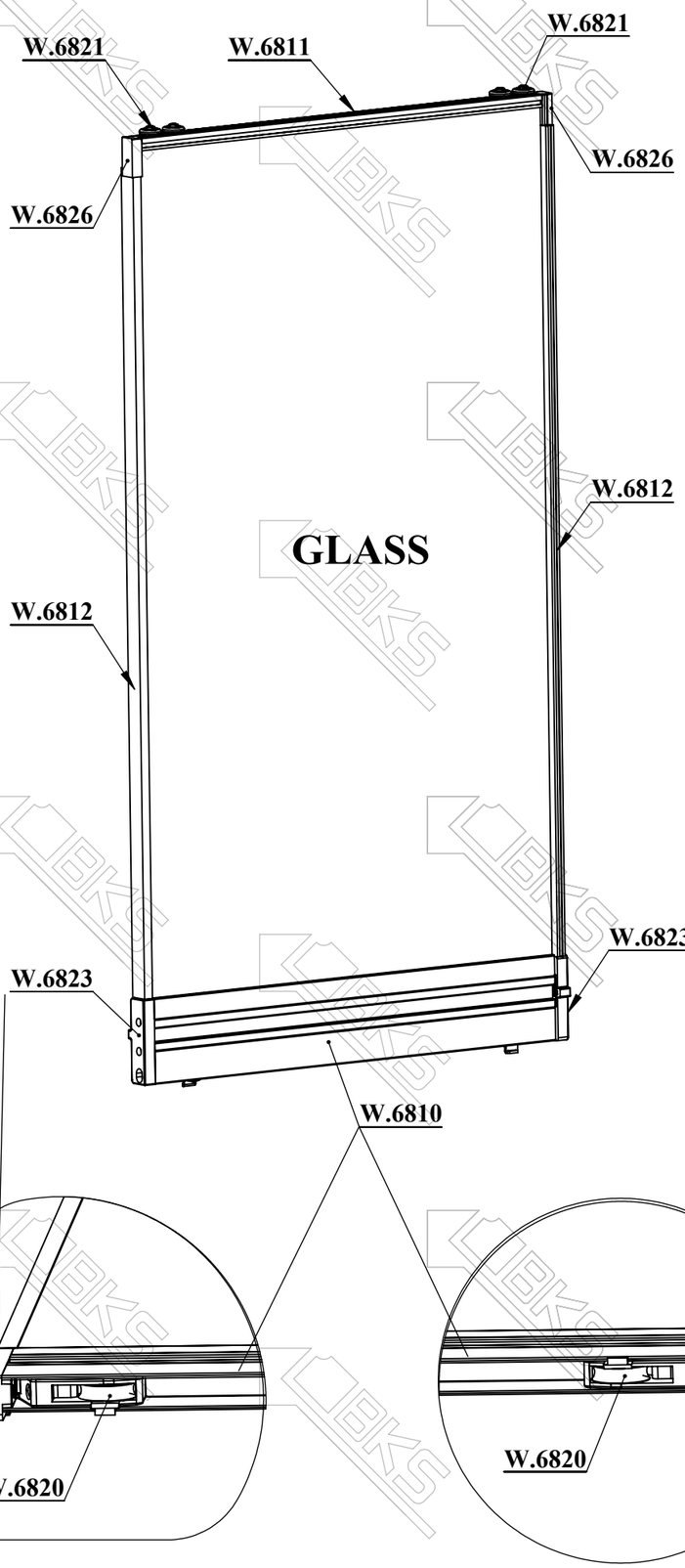


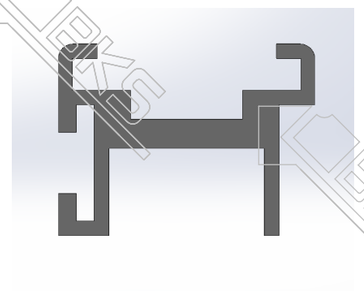
W.6823
INTERMEDIATE BASE CAPS

IT'S MOUNTED ON THE LOWER BASE PROFIL IN ORDER TO DRAG THE PANELS.

Bu Çizimin Verisine V018 Veri Dosyasından Ulaşabilirsiniz.

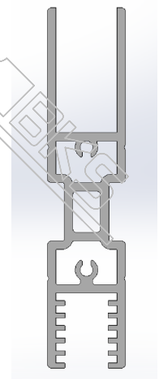
4.2. NEEDED PARTS FOR INTERMEDIATE PANEL





W.6811
UPPER BASE PROFILE

ONLY ONE PIECE IS USED AT EACH GLASS PANEL FROM SYSTEM TOP.

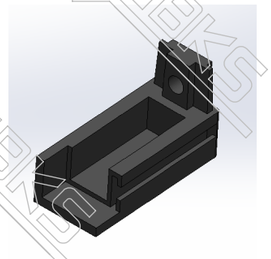


W.6810
BOTTOM BASE PROFILE

ONLY ONE PIECE IS USED AT EACH GLASS PANEL FROM SYSTEM BOTTOM.

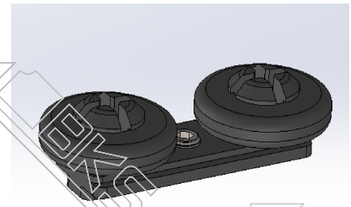
W.6812
INTERMEDIATE ALUMINUM SEAL

ITS USED BETWEEN GLASS PANLES AS INSULATION



W.6826
BAR CONJOINING CAP

IT'S MOUNTED ON THE EACH TOP EDGE OF THE GLASS PANEL.

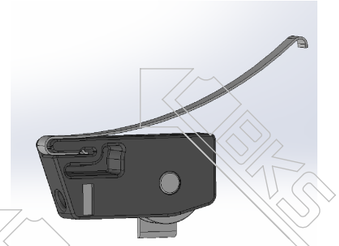


W.6821
UPPER WHEEL

IT'S MOUNTED ON THE EACH EDGE OF THE UPPER GLASS PROFILE, ENSURING BALANCE OF THE SYSTEM.

W.6823
INTERMEDIATE BASE CAPS

IT'S MOUNTED ON THE LOWER BASE PROFIL IN ORDER TO DRAG THE PANELS.



W.6820
BOTTOM WHEEL

IT'S MOUNTED ON THE EACH EDGE OF THE LOWER GLASS PROFILE, PROVIDING MOTION OF THE PANELS.

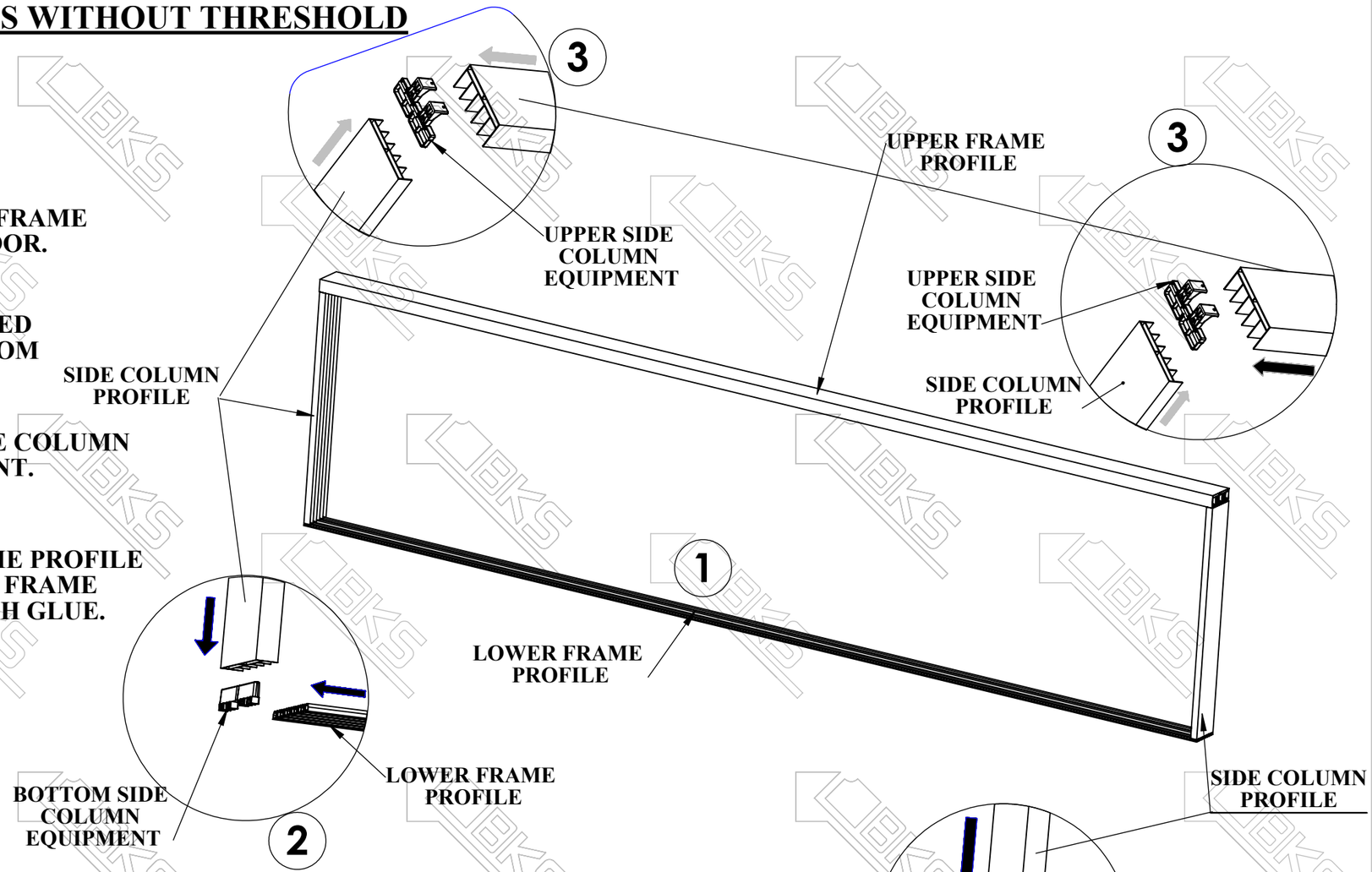
Bu Çizimin Verisine V018 Veri Dosyasından Ulaşabilirsiniz.

5. PRODUCTION STEPS OF BKS SLIDING SYSTEMS WITHOUT THRESHOLD

ALTERNATİVE 1

1. ♦ FOR THE SYSTEM INSTALLATION LOWER FRAME PROFILE MUST BE PLACED ON A FLAT FLOOR.
2. ♦ THE SIDE COLUMN PROFILES ARE MOUNTED TO THE LOWER FRAME PROFILE BY BOTTOM SIDE COLUMN EQUIPMENT.
3. ♦ TOP FRAME PROFILE IS MOUNTED TO SIDE COLUMN PROFİLE BY TOP SIDE COLUMN EQUIPMENT.
4. ♦ AFTER SYSTEM İNSTALLATION, TOP FRAME PROFILE IS FIXED TO TOP PARAPATE AND BOTTOM FRAME PROFILE IS FIXED TO NETHER FLOOR WITH GLUE.

1.STEP

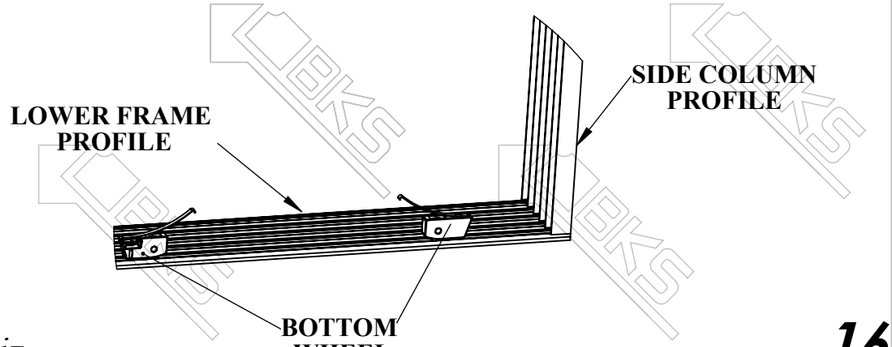


ALTERNATİVE 2

♦ TOP SIDE COLUMN APARATUS İS FIXATED TO TOP FRAME PROFILE. TOP FRAME IS FICATED TO TOP PERAPETE WITH SCREW. TOP FRAME AND SIDE COLUMN APARATUS ARE MOUNTED WITH TOP SİDE COLUMN APARATUS. AT THE SAME TIME SIDE COLUMNS AND LOWER FRAME INSTALLATION IS DONE WITH LOWER SIDE COLUMN APARATUS

2.STEP

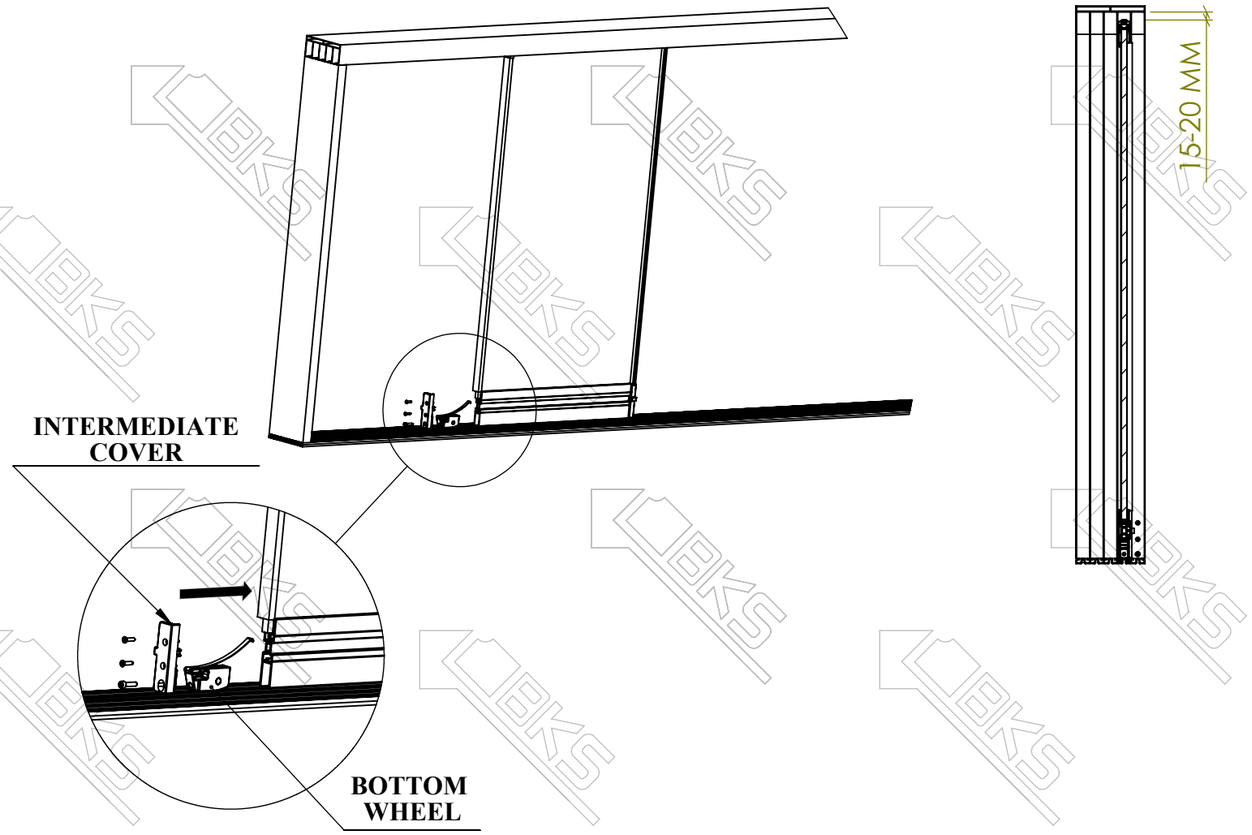
♦ INSTALLATİON CAN BE MADE EASIER IF ONE OF THE BASE INTERMEDIATE FLAT COVER AND LOWER WHEEL IS REMOVED. NOW THIS WHEEL CAN BE FIXATE TO THE BOTTOM FRAME RPOFILE.



3.STEP

- **YOU SHOULD START INSTALLATION FROM ONE SIDE OF SYSTEM. THE TOP WHEEL OF THE PANELS IS PASSED TO TOP FRAME POFILE. ROM CAPS SIDE IN ORDER TO PROVIDE THE CONVENIENCE INSTALLATION, BOTTOM WHEEL PASSES THROUGH BOTTOM BASE PROFILE. BASE INTERMEDIATE COVER IS SCREWED TO THE BASE.**

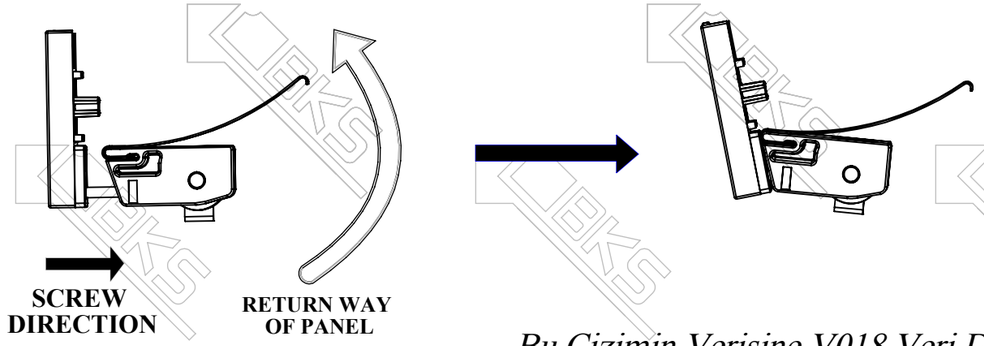
- **AFTER PANELS CONNECTED TO THE SYSTEM, BETWEEN THE TOP CASE AND TOP WHEEL TOLERANCE WİLL BE 15-20 MM.**

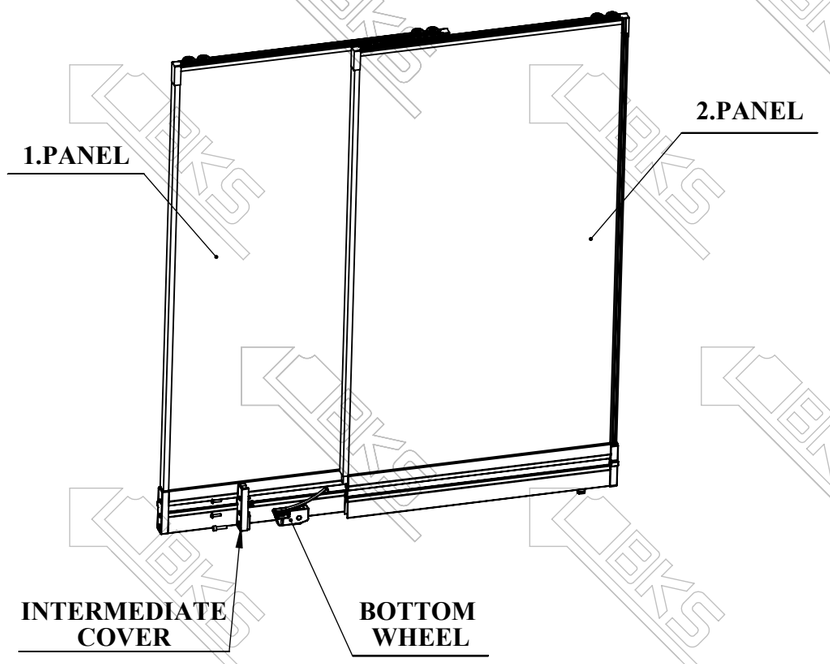


4.STEP

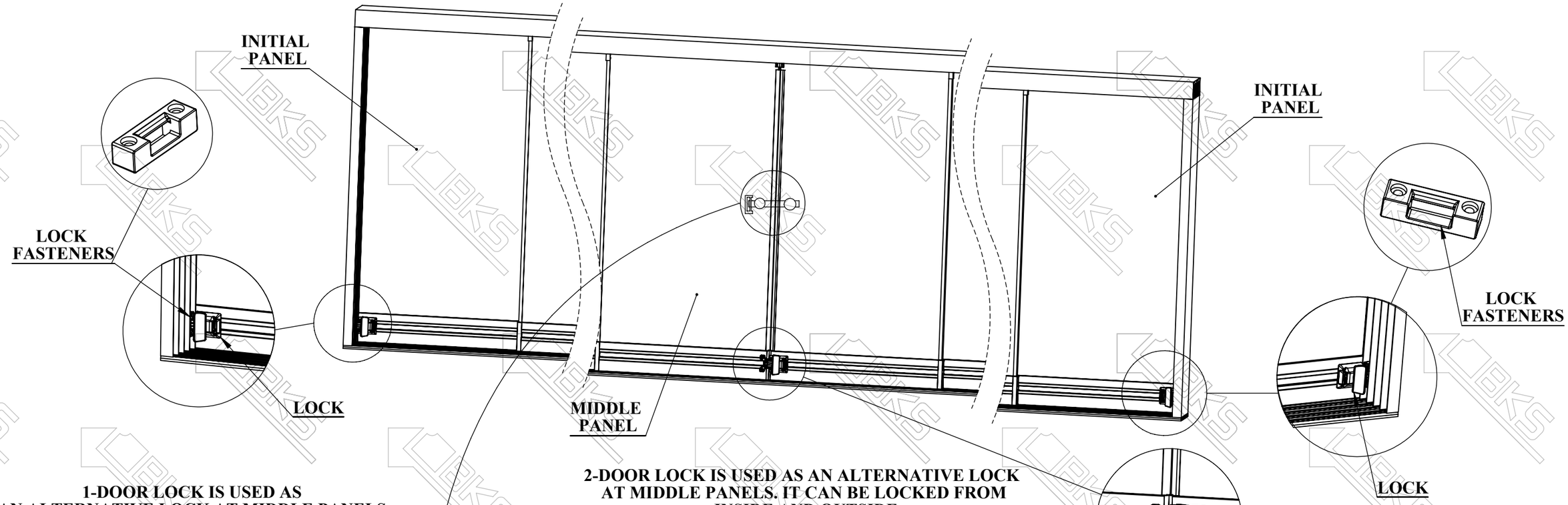
- **WHILE SECOND PANEL INSTALLATION IT MUST BE IN THE MIDDLE OF FIRST PANEL AS SHOWN İN DRAWING. THEN INTERMEDIATE CAPS AND WHEELS CAN BE MOUNTED TO BOTTOM BASE PROFILE. FOR THE FUTHER PANELS PROCESS OF CAPS AND WHEELS MONTAGE IS SHOWN AT STEPS 5 AND 6.**

- **YOU CAN ADJUST GAPS BETWEEN THE GLASS PANELS BY USING WHEELS AS SHOWN AT THE PICTURE BELOW.**

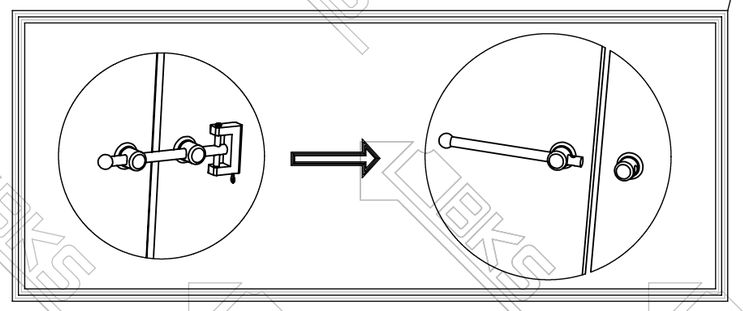




5.STEP

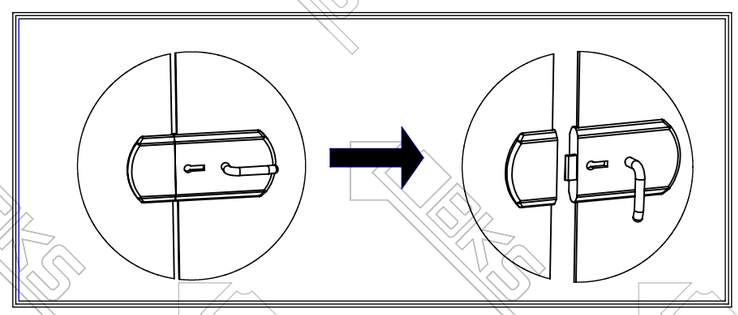


1-DOOR LOCK IS USED AS AN ALTERNATIVE LOCK AT MIDDLE PANELS.

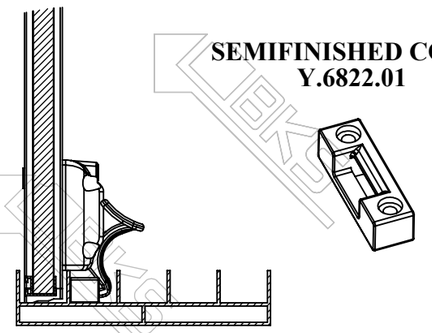


OR

2-DOOR LOCK IS USED AS AN ALTERNATIVE LOCK AT MIDDLE PANELS. IT CAN BE LOCKED FROM INSIDE AND OUTSIDE

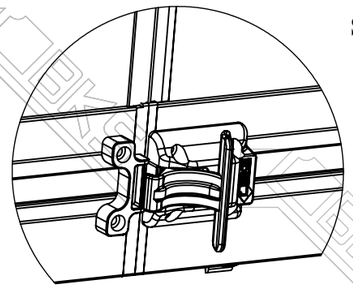


- **BKS SLIDING SYST. LOCK IS MOUNTED ON THE MIDDLE AND INITIAL PANELS. LOCK FASTENERS IS DIFFERENT FOR TWO TYPE OF PANEL. BELOW YOU CAN FIND CODE OF FASTENERS.**
- **ON ONE SIDE OF MIDDLE PANEL THE LOCK IS MOUNTED, ON OPPOSITE SIDE FASTENERS IS SCREWED.**
- **LOCK AND FASTENERS ARE MOUNTED TO THE SIDE COLUMN PANEL DEPENDING ON THE SYSTEM FORM. INITIAL PANEL MAY COİNCİDE BETWEEN SİDE COLUMNS OR IT MAY CAINCIDE EDGE OF SIDE COLUM. THIS TWO EXPLANATIONS ARE GİVEN IN THE PICTURE.**



SEMIFINISHED CODE: Y.6822.01

IT CAN BE INSTALLED AT INITIAL PANELS INTO SIDE COLUMN



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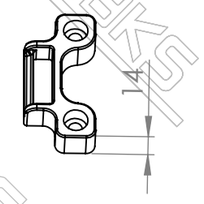
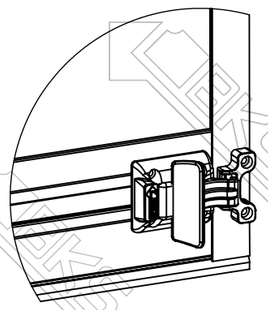


IT CAN BE INSTALLED AT MIDDLE PANELS



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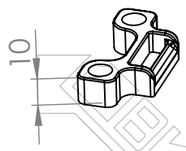
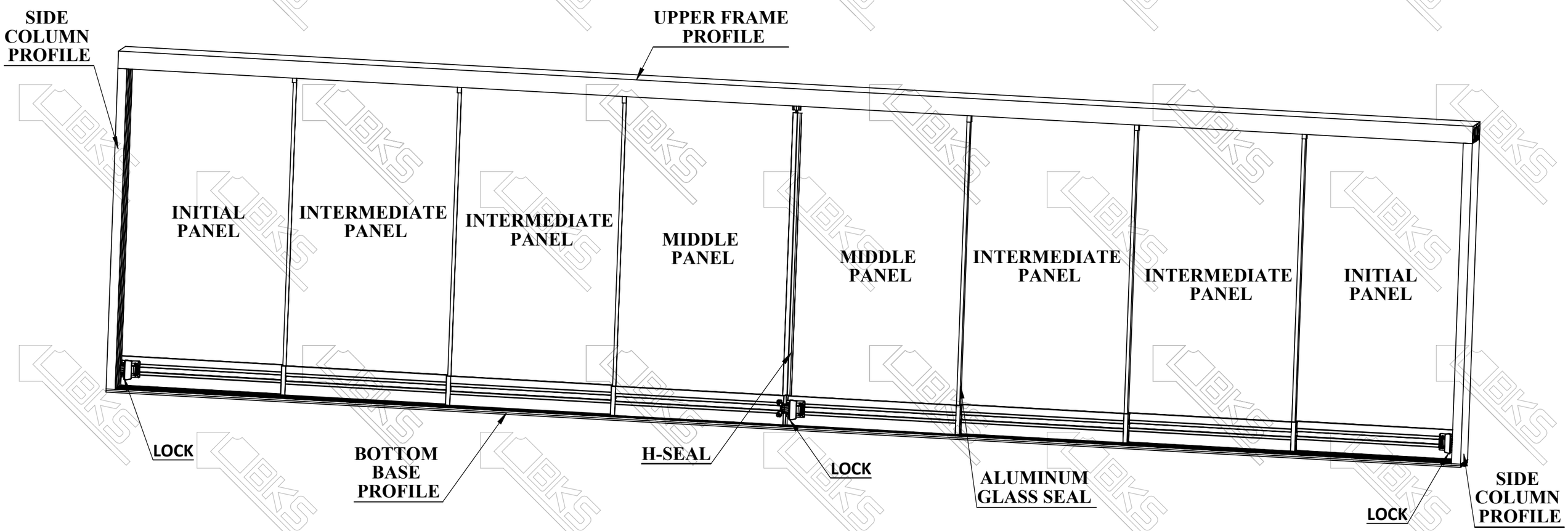


IT CAN BE INSTALLED AT INITIAL PANELS OUTSIDE OF SIDE COLUMN

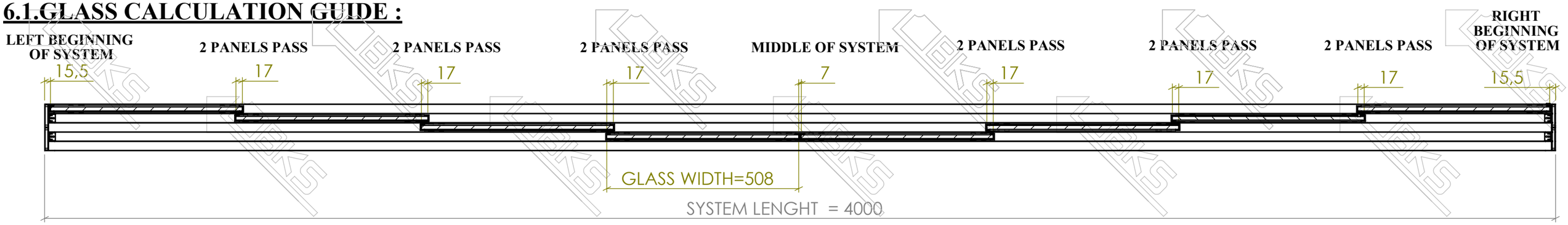
5.1 INSTALLATED BKS SLIDING SYSTEM WITHOUT THRESHOLD



Bu Çizimin Verisine V018 Veri Dosyasından Ulaşabilirsiniz.

6. BKS SLIDING SYSTEM WITH THRESHOLD CALCULATION

6.1.GLASS CALCULATION GUIDE :



GLASS WIDTH CALCULATION TABLE	
FOR THE RIGHT AND LEFT BEGINNING OF SYSTEM	15.5 MM
FOR THE CENTER OF SYSTEM	7 MM
FOR THE PANELS PASS	17 MM

EXAMPLE OF CALCULATION:

FORMULA: GLASS WIDTH CALCULATION

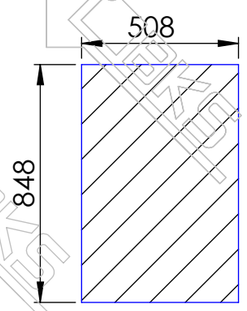
SYSTEM LENGHT **4000 MM** − LEFT BEGINNING OF SYSTEM **15.5 MM** − RIGHT BEGINNING OF SYSTEM **15.5 MM** − CENTER OF SYSTEM **7 MM** + INTERSECTING PANEL * 17 COUNT **6 x 17 102 MM** / PANEL NUMBER **8** = ONE GLASS DIMENSION **508 MM**

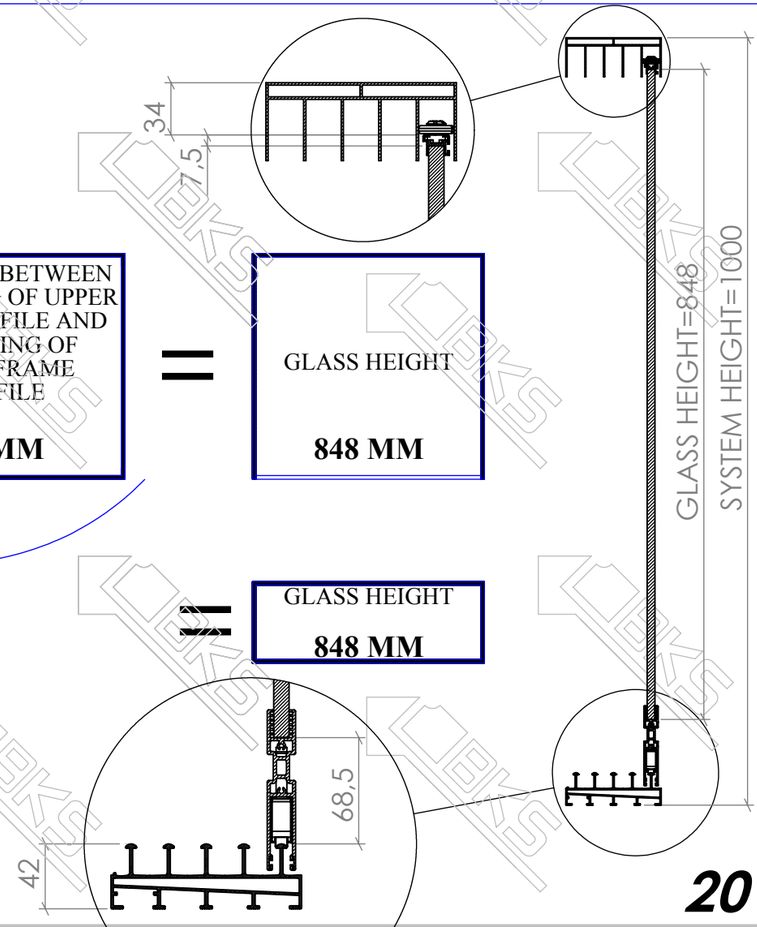
FORMULA: GLASS HEIGHT CALCULATION

SYSTEM HEIGHT **1000 MM** − LOWER FRAME PROFILE HEIGHT **42 MM** − DISTANCE BETWEEN BOTTOM FRAME PROFILE AND LOWER GLASS SURFACE **68.5 MM** − DISTANCE BETWEEN GLASS AND BEGINNING OF UPPER BASE PROFILE **7.5 MM** − DISTANCE BETWEEN BEGINNING OF UPPER BASE PROFILE AND BEGINNING OF UPPER FRAME PROFILE **34 MM** = GLASS HEIGHT **848 MM**

SYSTEM HEIGHT **1000 MM** − **152 MM** = GLASS HEIGHT **848 MM**

GLASS DIMENSION →





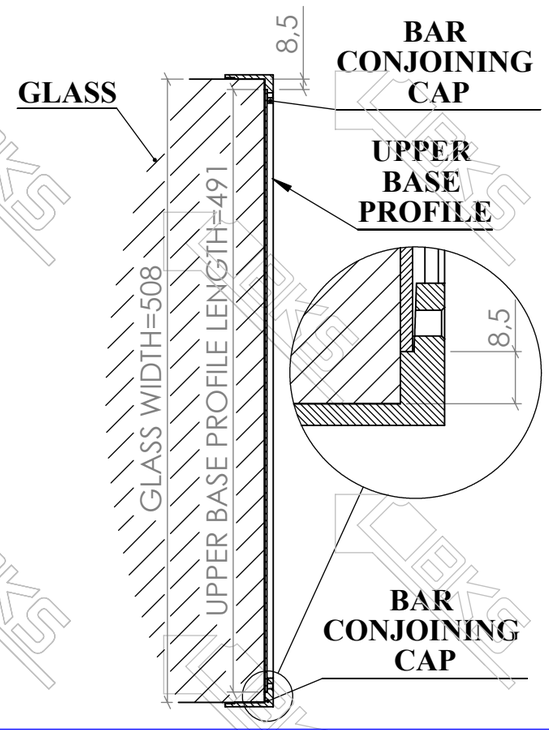
Bu Çizimin Verisine V018 Veri Dosyasından Ulaşabilirsiniz.

6.2.BASE PROFILE CALCULATION METHOD

6.2.1. UPPER BASE PROFILE CALCULATIONİ

FORMULA: UPPER BASE PROFILE LENGTH CALCULATION

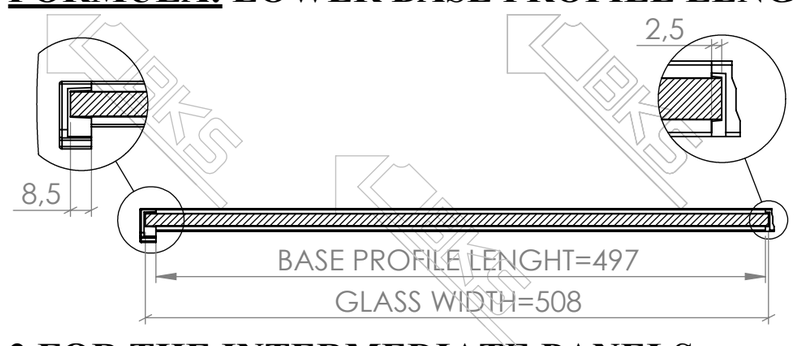
GLASS WIDTH		INNER SPACE OF THE BAR CONJOINING CAP		INNER SPACE OF THE BAR CONJOINING CAP	=	UPPER BASE PROFILE LENGTH
508 MM	−	8,5 MM	−	8,5 MM	=	491 MM



6.2.2.LOWER BASE PROFILE CALCULATION

1.FOR THE INITIAL AND MIDDLE PANELS;

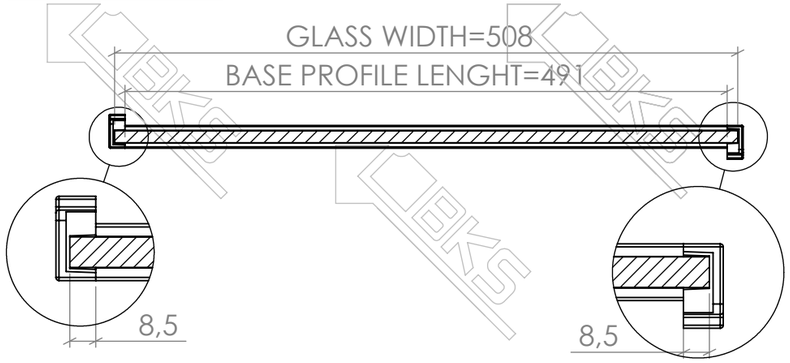
FORMULA: LOWER BASE PROFILE LENGTH CALCULATION



GLASS WIDTH		INNER SPACE OF THE MIDDLE AND SIDE COLUMN CAPS		INNER SPACE OF THE INTERMEDIATE BASE CAPS	=	LOWER BASE PROFILE LENGHT
508 MM	−	8,5 MM	−	2,5 MM	=	497 MM

2.FOR THE INTERMEDIATE PANELS;

FORMULA: LOWER BASE PROFILE LENGTH CALCULATION



GLASS WIDTH		INNER SPACE OF THE INTERMEDIATE BASE CAPS		INNER SPACE OF THE INTERMEDIATE BASE CAPS	=	LOWER BASE PROFILE LENGHT
508 MM	−	8,5 MM	−	8,5 MM	=	491 MM

Bu Çizimin Verisine V018 Veri Dosyasından Ulaşabilirsiniz.

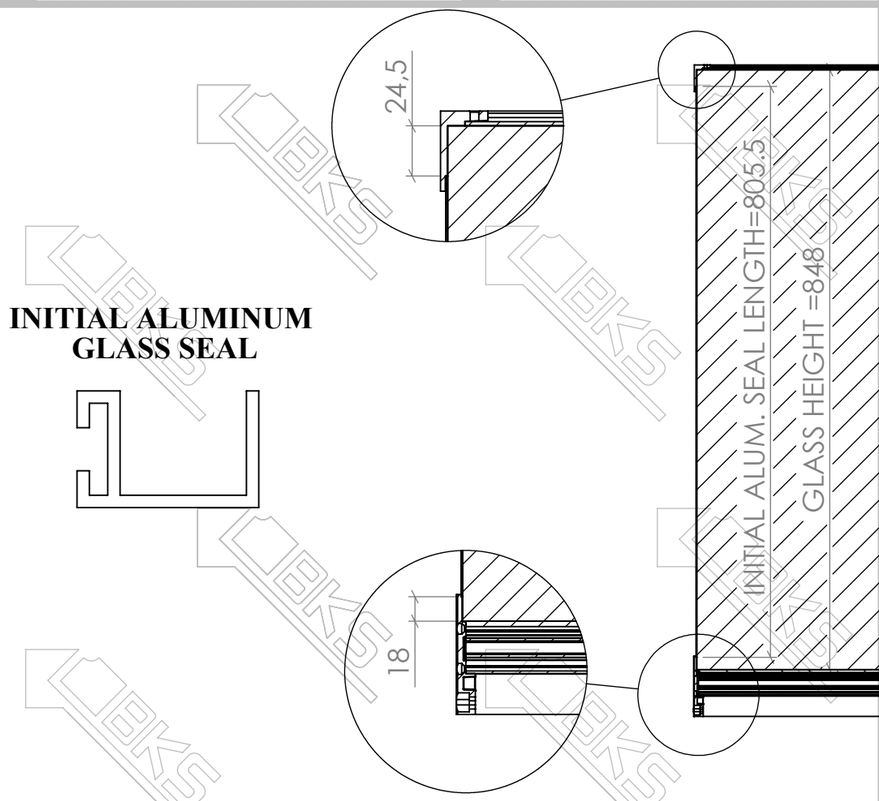
6.3. GLASS SEAL CALCULATION GUIDE

6.3.1. LENGTH CALCULATION OF INITIAL GLASS SEAL

FORMULA: INITIAL ALUM. SEAL LENGTH CALCULATION

GLASS HEIGHT	–	GLASS GAP DIMENTION INTO BASE PROFILE	–	GLASS GAP DIMENTION INTO BAR CONJOINING CAP	=	INITIAL ALUM. SEAL LENGTH
848 MM		18 MM		24.5 MM		805.5 MM

INITIAL ALUMINUM GLASS SEAL

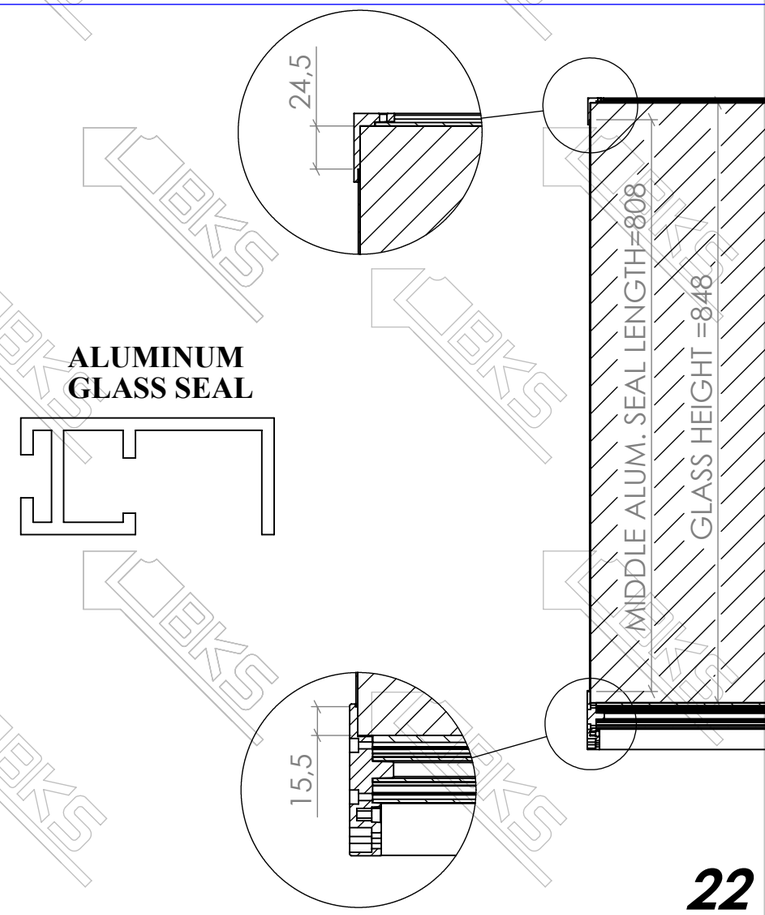


6.3.2. LENGTH CALCULATION OF GLASS SEAL

FORMULA: ALUM. SEAL LENGTH CALCULATION

GLASS HEIGHT	–	BASE INTERMEDIATE CAPS GAP DIMENTION	–	GLASS GAP DIMENTION INTO BAR CONJOINING CAP	=	MIDDLE ALUM. SEAL LENGTH
848 MM		15.5 MM		24.5 MM		808 MM

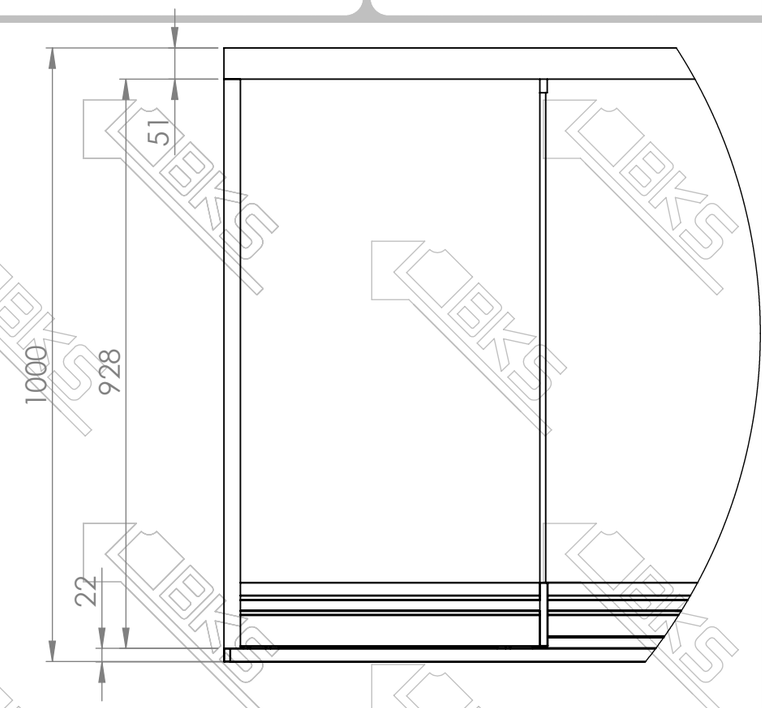
ALUMINUM GLASS SEAL



6.4. SIDE COLUMN PROFILE CALCULATION METHOD

FORMULA: SIDE COLUMN CALCULATION

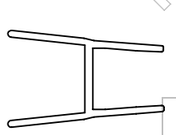
SYSTEM HEIGHT	−	BOTTOM SIDE COLUMN EQUIPMENT HEIGHT	−	UPPER BASE PROFILE HEIGHT	=	SIDE COLUMN PROFILE LENGHT
1000 MM		22 MM		51 MM		928 MM



6.5. LENGTH CALCULATION OF H TRANPARENT SEAL

- H SEAL IS UTİLİZED AT EDGES OF 2 MIDDLE PANELS. H SEAL LENGTH IS THE SAME AS FOR AN INITIAL ALUMINUM SEAL.

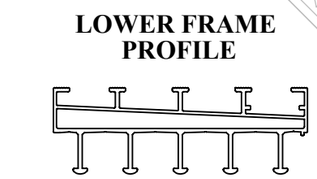
H-SEAL

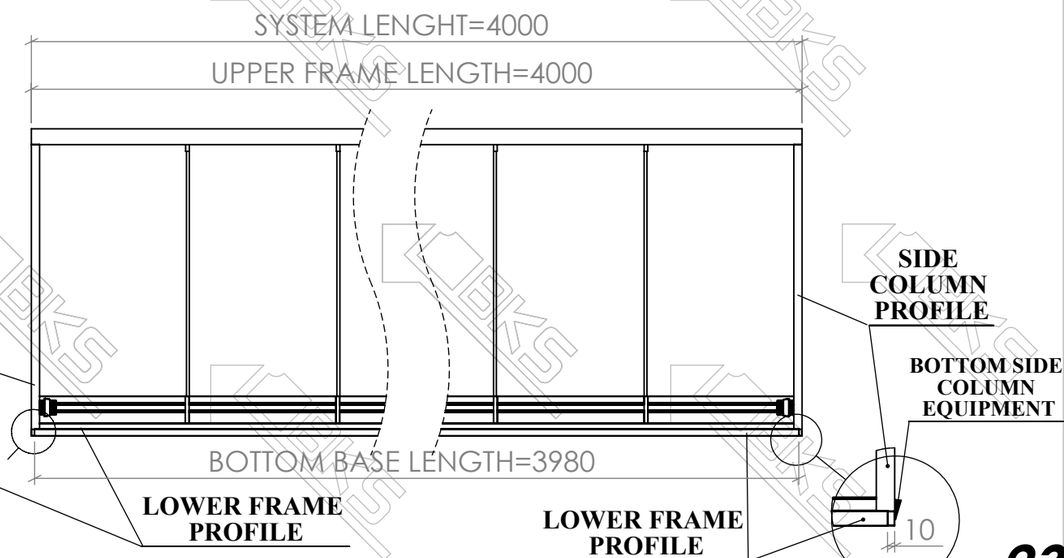


6.6. FRAME PROFILE CALCULATION GUIDE

- AS MENTIONED IN PART «TAKING MEASURES», FRAME PROFILE MUST BE CUT AS SYSTEM LENGTH.

SYSTEM LENGHT	−	BOTTOM SIDE COLUMN EQUIPMENT WIDTH	−	BOTTOM SIDE COLUMN EQUIPMENT WIDTH	=	LOWER FRAME PROFILE HEIGHT
4000 MM		10 MM		10 MM		3980 MM





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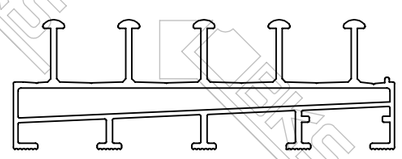
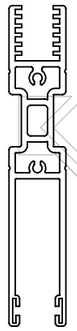
7. PRODUCTION AND ASSEMBLY STEPS OF BKS SLIDING SYSTEM WITH THRESHOLD

- **PRODUCTION STEPS FOR SLIDING SYSTEMS WITH/WITHOUT THRESHOLD ARE SAME. FOR SYSTEM WITH THREHOLD ONLY FOLLOWING ITEMS ARE DIFFERENT: INITIAL AND SIDE COLUMN CAPS, INTERMEDIATE CAPS, LOWER BASE PROFILE AND BOTTOM WHEELS. THEIR APPLICATION IS THE SAME AS IN A SYSTEM WITHOUT THRESHOLD.**
- **INSTALLATİON STEPS ARE SAME FOR SLİDİNG SYSTEMS WİTH THRESHOLD AND WİTHOUT THRESHOLD.**

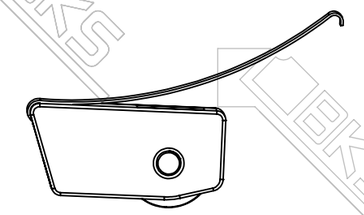
8. SPECIFIC STAFF OF BKS SLIDING SYSTEM WITH THRESHOLD



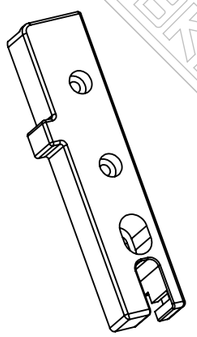
W.6900
BKS BOTTOM FRAME PROFILE OF SLIDE SYS. WITH THRESHOLD



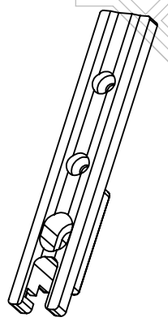
W.6903
BKS BOTTOM BASE PROFILE OF SLIDE SYS. WITH THRESHOLD



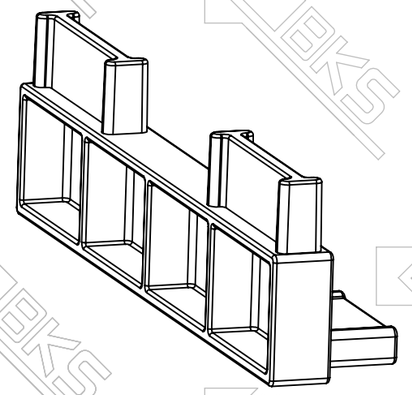
W.6920
BKS BOTTOM WHEELS OF SLIDE SYS. WITH THRESHOLD



W.6923
BKS INTERMEDIATE CAP OF SLIDE SYS. WITH THRESHOLD



W.6924
BKS INITIAL AND SIDE COLUMN CAP OF SLIDE SYS. WITH THRESHOLD

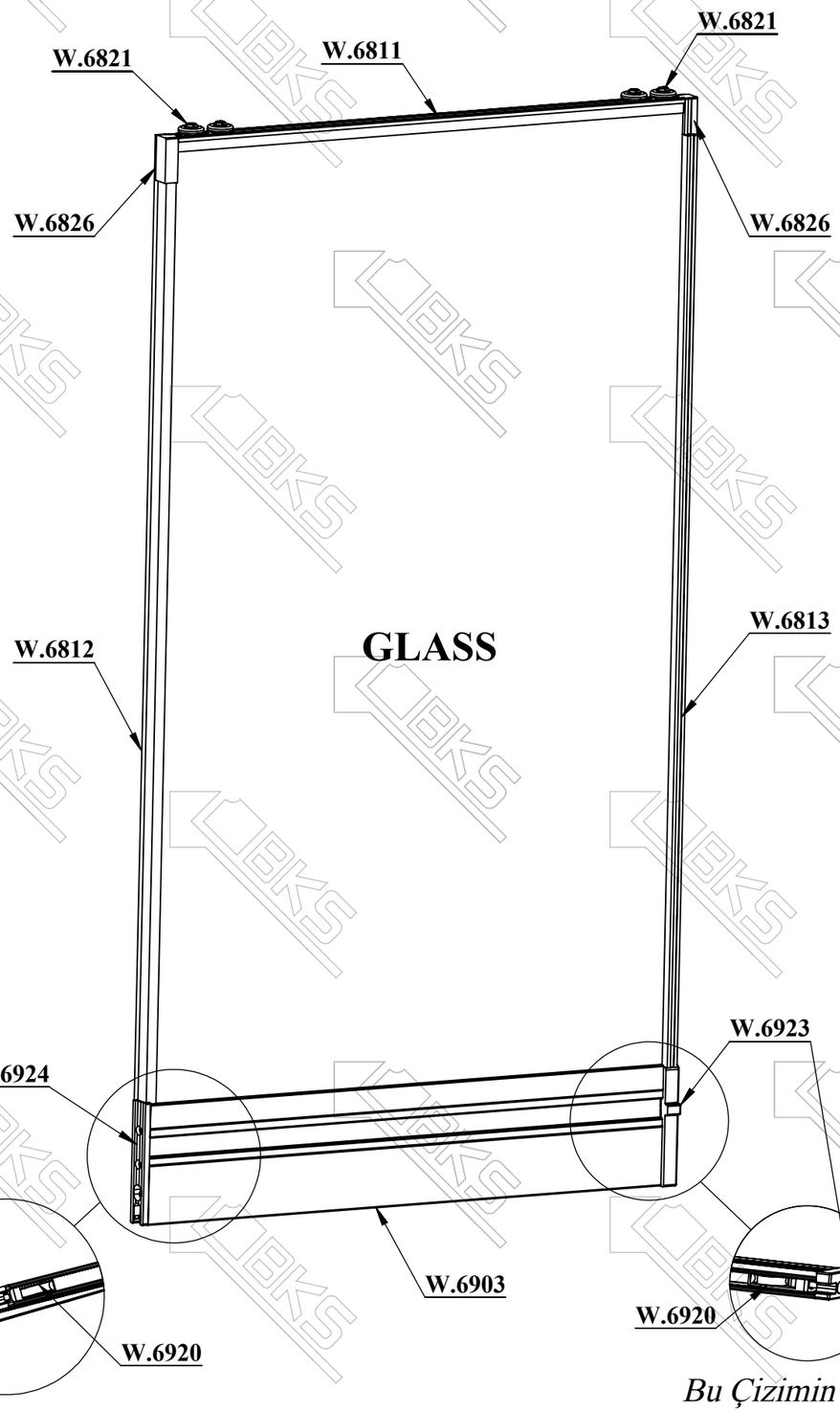


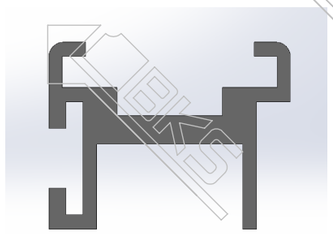
W.6925
BKS BOTTOM SIDE COLUMN EQUIPMENT OF SLIDE SYS. WITH THRESHOLD

Bu Çizimin Verisine V018 Veri Dosyasından Ulaşabilirsiniz.

8.1. NEEDED PARTS FOR INITIAL PANEL

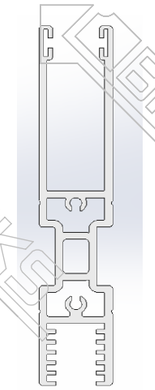
♦ NEEDED PARTS OF MIDDLE AND INITIAL PANELS ARE SAME, EXCEPT AN INITIAL SEAL. INSTEAD OF INITIAL SEAL AT THE MIDDLE PANEL H-SEAL IS USED.





W.6811
UPPER BASE PROFILE

ONLY ONE PIECE IS USED AT EACH GLASS PANEL FROM SYSTEM TOP.



W.6903
BOTTOM BASE WITH THRESHOLD

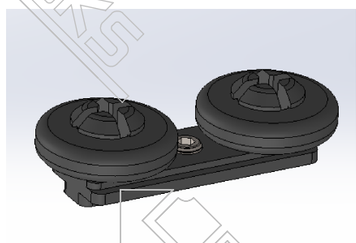
ONLY ONE PIECE IS USED AT EACH GLASS PANEL FROM SYSTEM BOTTOM

W.6813
INITIAL ALUMINUM SEAL

ITS USED ON THE OUTER EDGES OF INITIAL PANELS AS INSULATION.

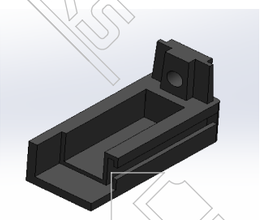
W.6812
INTERMEDIATE ALUMINUM SEAL

ITS USED BETWEEN GLASS PANLES AS INSULATION



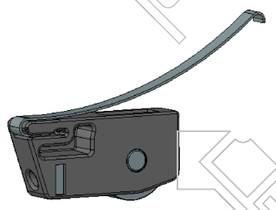
W.6821
UPPER WHEEL

IT'S MOUNTED ON THE EACH EDGE OF THE UPPER GLASS PROFILE, ENSURING BALANCE OF THE SYSTEM.



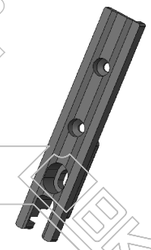
W.6826
BAR CONJOINING CAP

IT'S MOUNTED ON THE EACH TOP EDGE OF THE GLASS PANEL.



W.6920
BOTTOM WHEELS WITH THRESHOLD

IT'S MOUNTED ON THE EACH EDGE OF THE LOWER GLASS PROFILE, PROVIDING MOTION OF THE PANELS.



W.6824
MIDDLE AND INITIAL CAPS

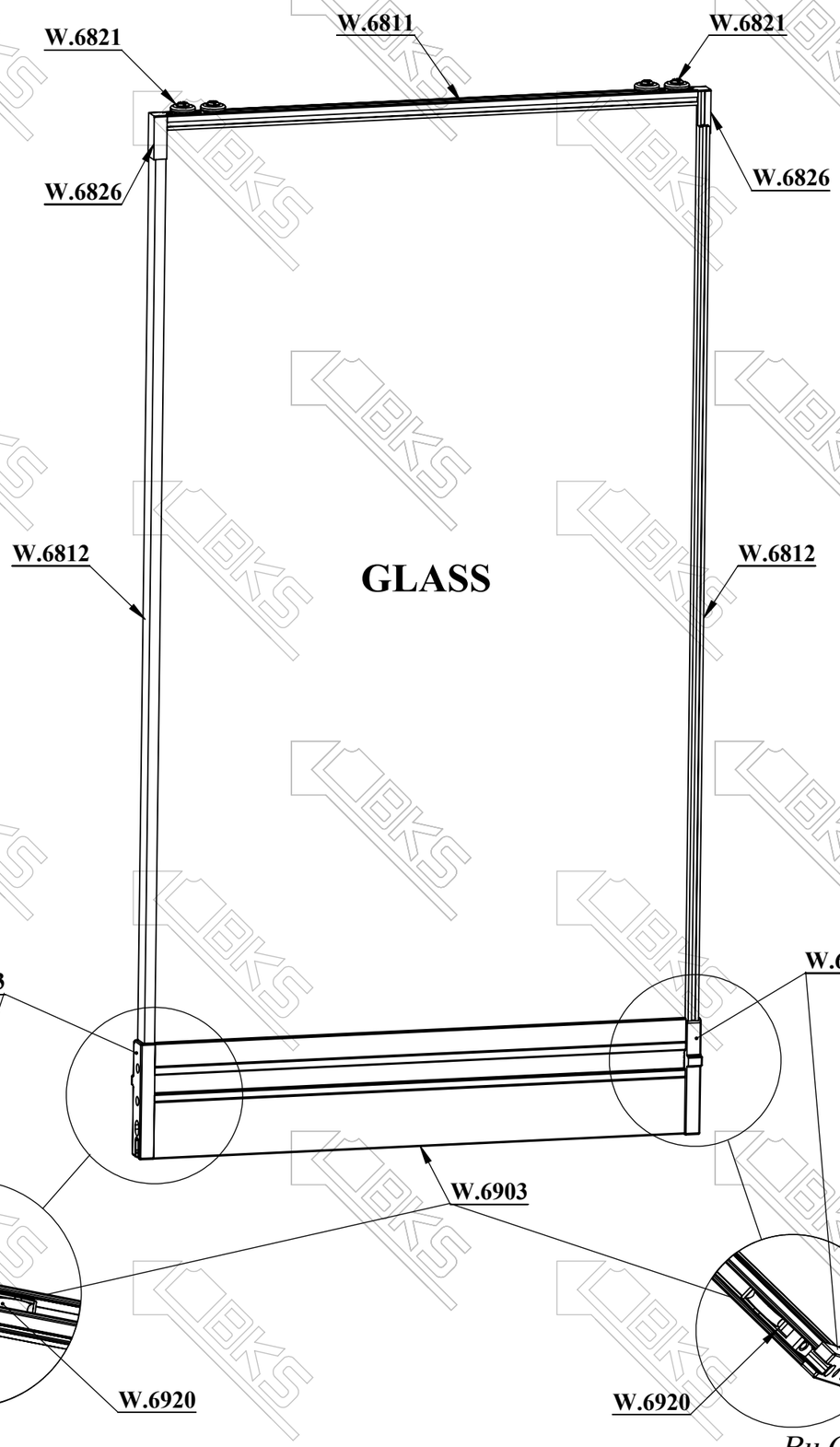
IT'S INSTALLED ON THE LOWER BASE PROFILE AT THE END OR MIDDLE POINTS.

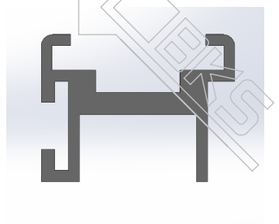
W.6823
INTERMEDIATE BASE CAPS

IT'S MOUNTED ON THE LOWER BASE PROFIL IN ORDER TO DRAG THE PANELS.

Bu Çizimin Verisine V018 Veri Dosyasından Ulaşabilirsiniz.

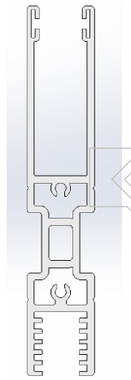
8.2. NEEDED PARTS FOR INTERMEDIATE PANEL





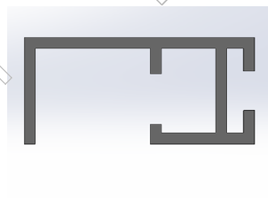
W.6811
UPPER BASE PROFILE

ONLY ONE PIECE IS USED AT EACH GLASS PANEL FROM SYSTEM TOP.



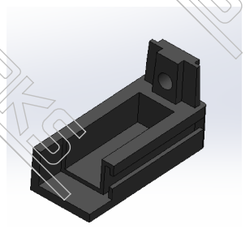
W.6903
BOTTOM BASE WITH THRESHOLD

ONLY ONE PIECE IS USED AT EACH GLASS PANEL FROM SYSTEM BOTTOM



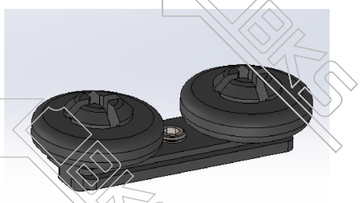
W.6812
INTERMEDIATE ALUMINUM SEAL

ITS USED BETWEEN GLASS PANLES AS INSULATION



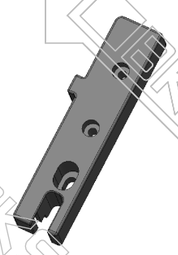
W.6826
BAR CONJOINING CAP

IT'S MOUNTED ON THE EACH TOP EDGE OF THE GLASS PANEL.



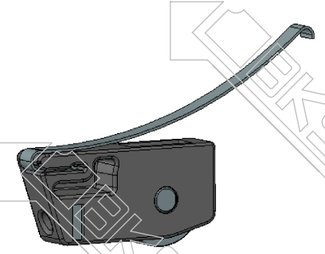
W.6821
UPPER WHEEL

IT'S MOUNTED ON THE EACH EDGE OF THE UPPER GLASS PROFILE, ENSURING BALANCE OF THE SYSTEM.



W.6823
INTERMEDIATE BASE CAPS

IT'S MOUNTED ON THE LOWER BASE PROFIL IN ORDER TO DRAG THE PANELS.

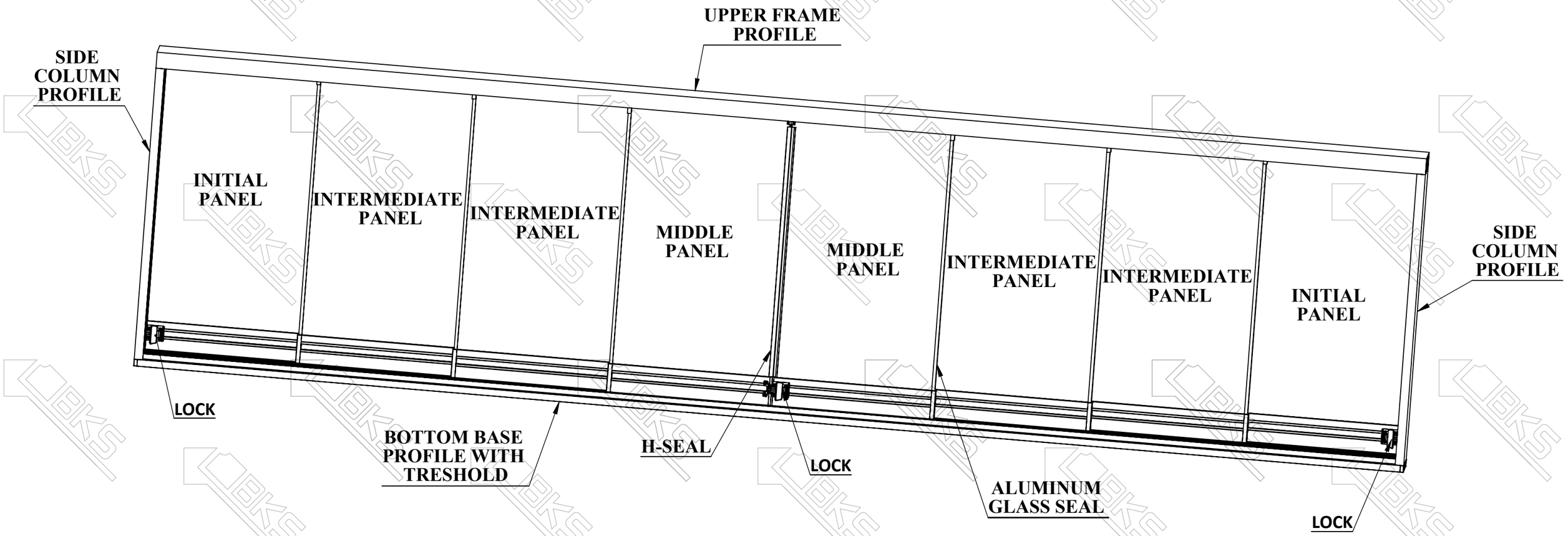


W.6920
BOTTOM WHEELS WITH THRESHOLD

IT'S MOUNTED ON THE EACH EDGE OF THE LOWER GLASS PROFILE, PROVIDING MOTION OF THE PANELS.

Bu Çizimin Verisine V018 Veri Dosyasından Ulaşabilirsiniz.

9. INSTALLATED BKS SLIDING SYSTEM WITH THRESHOLD



Bu Çizimin Verisine V018 Veri Dosyasından Ulaşabilirsiniz.