



HUUN[®]
ALUMINIUM TECHNOLOGY

USE OUTDOOR LIVING SPACE
SLIDING SYSTEMS





SLIDING

USE OUTDOOR LIVING SPACE

"Insanity is doing the same things over and over and over again but expecting different results."

Albert Einstein

CONTENT

4-9	HUUN SLIDING INTRODUCTION
10-11	POSSIBLE LAYOUTS
12-13	ADVANTAGES
14-17	APPLICATIONS AND SIZES OPTIONS
18-21	PROFILES
22-29	SECTION DETAILS
30	TECHNICAL DETAILS





OVERVIEW

HUUN SLIDING INTRODUCTION
POSSIBLE LAYOUTS
ADVANTAGES
APPLICATIONS AND SIZES OPTIONS
PROFILES
SECTION DETAILS
TECHNICAL DETAILS

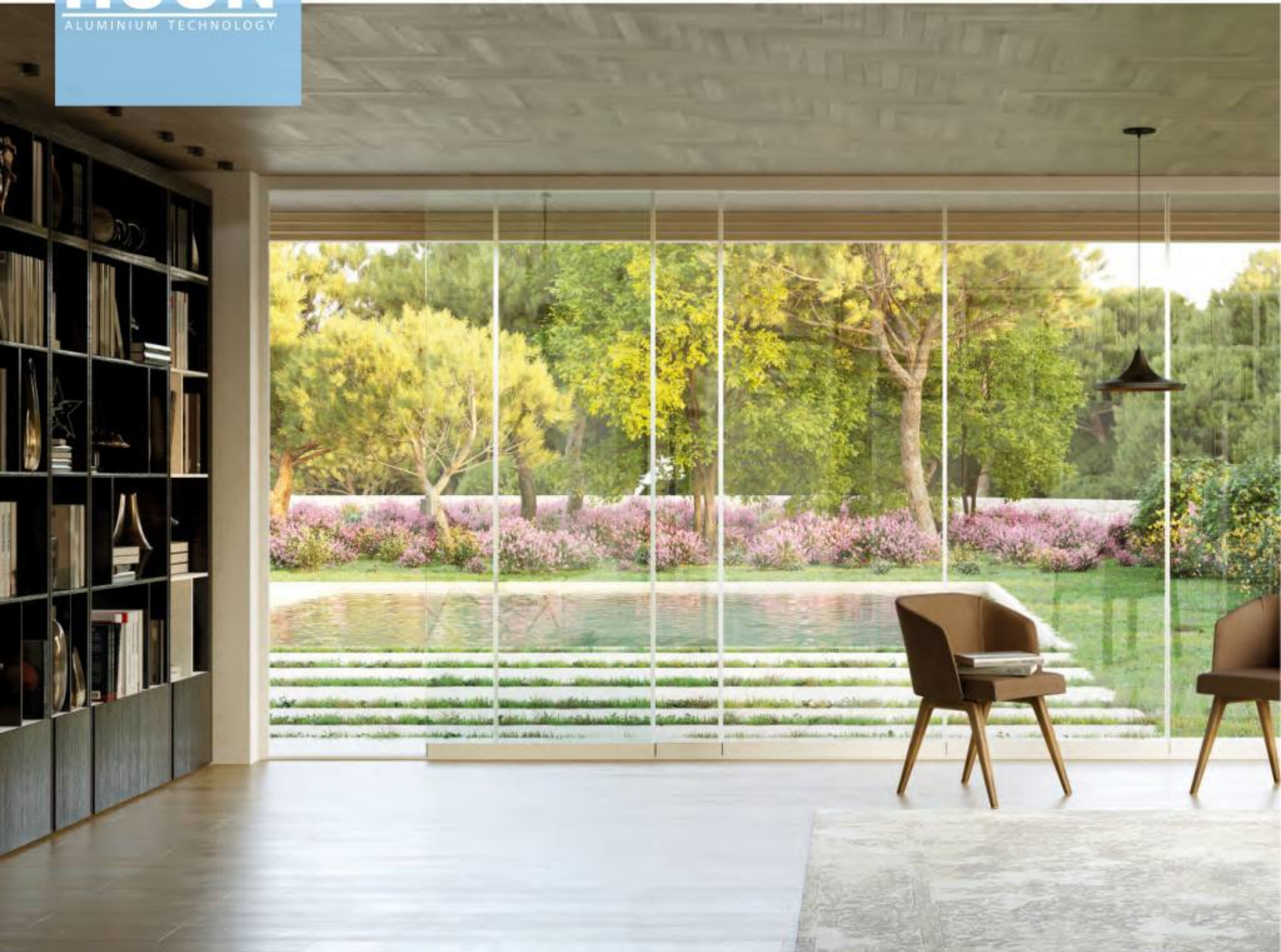
THE HUUN SLIDING SYSTEM CAN USE IN YOUR COMMERCIAL OR RESIDENTIAL PROPERTIES. YOU CAN ENJOY THE GREAT OUTDOORS WITHOUT ANY INFLUENCE OF THE WEATHER CONDITIONS; IN RAIN OR STORM, YOU GET OPTIMAL PROTECTION WITHOUT RELINQUISHING **A BEAUTIFUL PANORAMIC VIEW.**

THE LIVING SPACE YOU GAIN IN THIS WAY CAN BE OPENED ENTIRELY IN THE SUMMER WHEN THE WEATHER IS GOOD, AND THIS IS MUCH FASTER AND MORE UNCOMPLICATED THAN YOU MAY THINK - ALL OF OUR SYSTEMS ARE DESIGNED FOR EASY OPERABILITY. FURTHERMORE, YOU WILL SAVE MONEY IN WINTER WHILE HEATING AND IN SUMMER WHILE COOLING, THANKS TO **THE HIGH INSULATION LEVEL** OF HUUN SLIDING SYSTEMS.

THE UNRIVALED CHOICE OF HUUN SOLUTIONS FOR GLAZING RETRACTABLE PERGOLAS, PAVILIONS, AND CANOPIED TERRACES COVER ALL MODERN ARCHITECTURAL REQUIREMENTS.

HUUN SLIDING SYSTEMS ARE TAILORED TO THE MOST DIVERSE INDIVIDUAL NEEDS.

SLIDING GLASS SYSTEMS COMBINE UTMOST PRACTICALITY WITH HUUN STYLE AND AESTHETIC. EASY TO INSTALL, PRACTICAL WHEN OPENING AND CLOSING. IT IS THE MOST APPROPRIATE MANUAL PRODUCT FOR AN OUTDOOR RETRACTABLE PERGOLA, PAVILION, OR TERRACE.





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HUUN SLIDING INTRODUCTION

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PROFILES

SECTION DETAILS

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HUUN SLIDING FITS INTO ANY ARCHITECTURAL CONTEXT, PROTECTING THE AREA FROM RAIN, WIND, AND COLD. IT ALSO PROVIDES LONG-TERM PROTECTION FOR BUILDING STRUCTURES, INCREASING THE VALUE AND QUALITY OF THE PROPERTY.

WITH VARIOUS COMBINATION POSSIBILITIES, YOU MAY EASILY CHOOSE THE BEST MATCHING LAYOUT FOR YOUR PLACE. **A STRONG ALUMINUM BODY, TEMPERED GLASSES, AND TWO SIDE LOCKS** PROVIDE SECURITY AGAINST BURGLARY AND POSSIBLE IMPACTS. THE SYSTEM IS FULLY DURABLE AGAINST **HIGH WIND LOADS** AS WELL.

THIS REVOLUTIONARY SYSTEM TRANSFORMS THE SPACE INTO A PEACEFUL ISLAND YOU WILL ENJOY ALL YEAR ROUND. FEEL NATURE WITHOUT ANY BOUNDARIES AND SPEND TIME IN PERFECT PEACE. HUUN SLIDING OFFERS A LARGE SELECTION OF SYSTEMS FOR EVERY APPLICATION, WHETHER HEAT INSULATED OR UNINSULATED. THESE TWO ARE CALLED HUUN SLIDING AND HUUN SLIDING THERMAL. ALSO, VARIOUS DOOR CLOSING SOLUTIONS WITH A KEY AND HANDLE IS EASY TO GRIP FOR SLIDING.

THE CONFIGURATIONS COME IN SOLUTIONS WITH THREE, FOUR, OR FIVE TRACKS UP TO A MAXIMUM OF SIX, EIGHT, TO TEN PANELS, IN COMBINATION WITH A LATERAL OR CENTRAL OPENING.





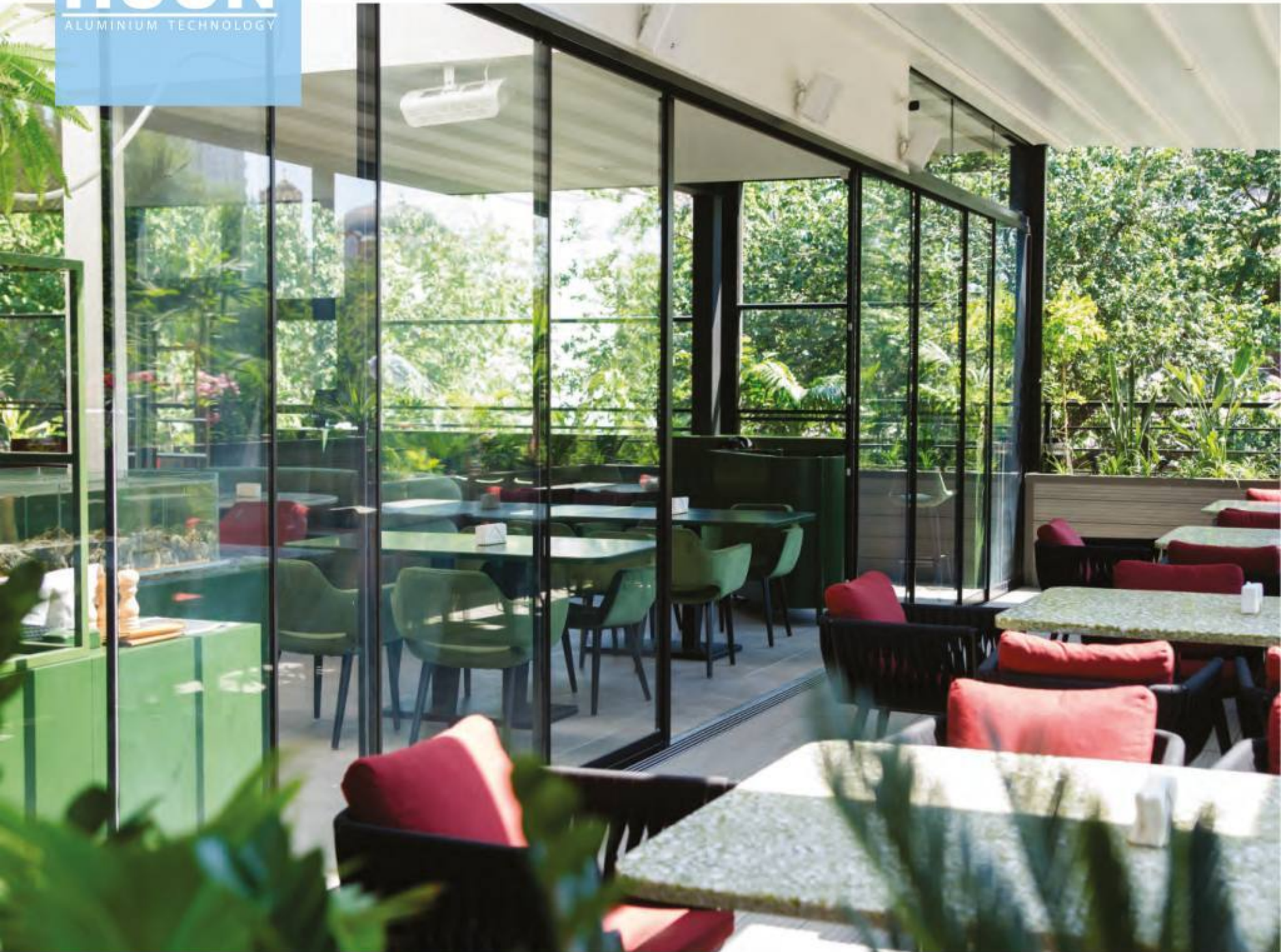
LAYOUT OPTIONS ARE; WITH **THREE PANELS OF HUUN SLIDING**, IT IS POSSIBLE TO COMPOUND TWO SYSTEMS TO REACH SIX PANELS; **THE THERMAL (5+11+5 MM HEAT INSULATED TEMPERED GLASS) OPTION** IS JUST AVAILABLE FOR FOUR RAIL SLIDING, AND POSSIBLE TO COMPOUND TWO SYSTEMS TO REACH EIGHT PANELS. IF NEEDED, A THERMAL SOLUTION MAY ALSO CONVERT TO A SINGLE GLASS SOLUTION. FOR EXAMPLE, WITH FIVE PANELS OF HUUN SLIDING, IT IS POSSIBLE TO COMPOUND TWO SYSTEMS TO REACH TEN PANELS.

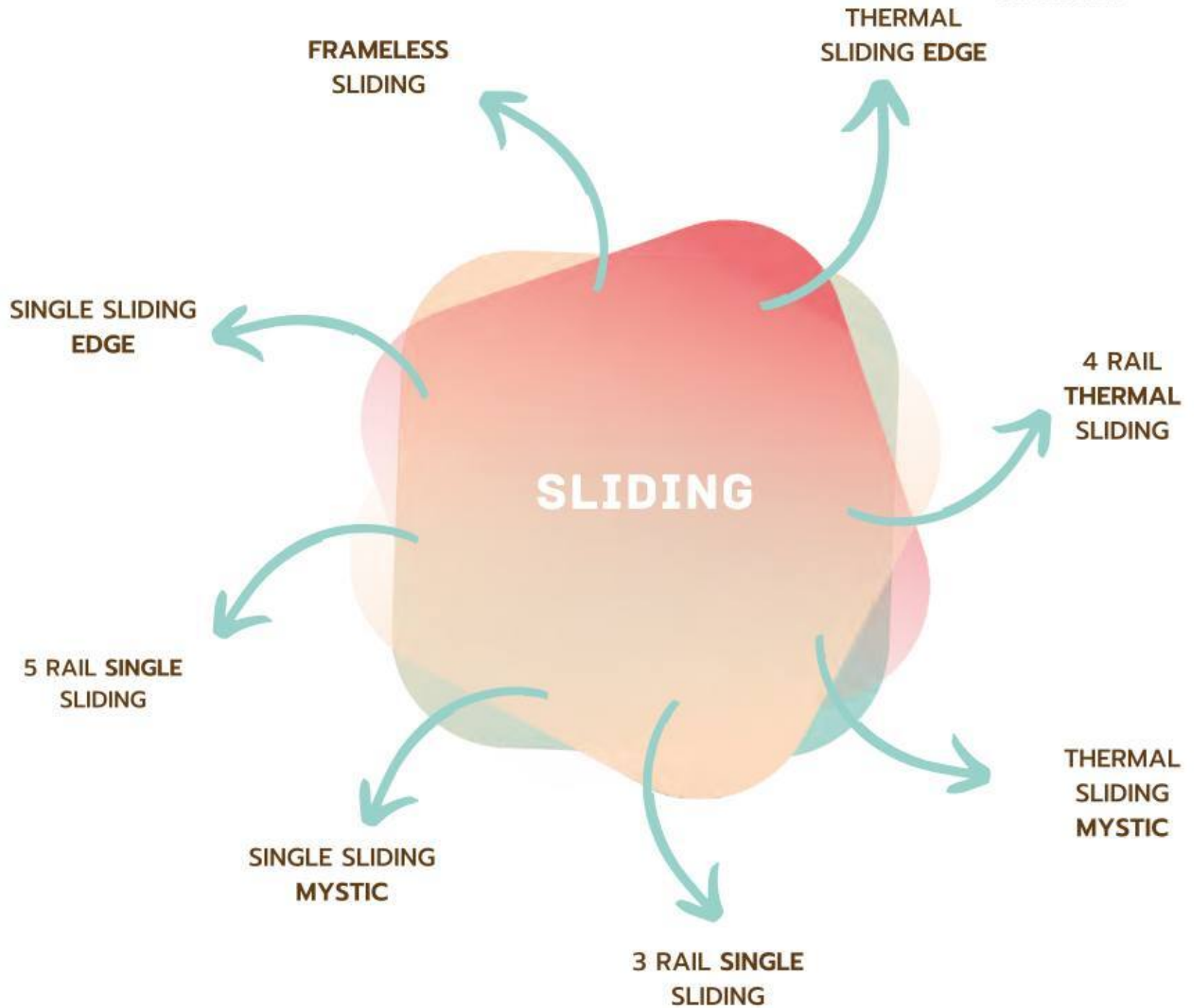
ONE DOUBLE WHEEL DURABLE AGAINST 100 KG LOAD AND TWO PIECES USED AT EACH PANEL. THE MAXIMUM PANEL WOULD BE 1.20X3.00 METER AT HUUN // SLIDING FOR SINGLE AND DOUBLE GLASS SOLUTION, AND CONSIDERING THIS SIZE, AND WHEELS ARE MORE THAN ENOUGH TO CARRY THE POSSIBLE HEAVIEST PANEL.

STAINLESS STEEL RAIL CAP IS A COMPLEMENTARY COMPONENT BETWEEN PANEL AND RAIL. IT PROVIDES THE PERFECT MOVEMENT **WITH MINIMUM EFFORT AND INCREASES THE WHEELS' LIFETIME** BY NOT AFFECTING ENVIRONMENTAL CONDITIONS.

TO COMPENSATE FOR STRUCTURAL VARIATIONS, THE INTEGRATED WHEELS CAN BE **HEIGHT-ADJUSTED BY UP TO 5MM** FOR BOTH TYPES.

THE PANELS IN THE SYSTEM WOULD SLIDE AS ONE WHILE THE MASTER PANEL TAKES THE OTHER FOLLOWERS OR ALL PANELS ACT INDIVIDUALLY. WITH THIS FEATURE, WE OFFER GREAT FLEXIBILITY TO THE END USER. TO DRAIN WATER THROUGH THE OUTSIDE, SIDE CAPS OF THE BOTTOM RAIL—A DESIGN OF CAP FABRICATED TO CONVEY WATER FILLED IN BOTTOM RAIL CHANNELS.









ADVANTAGES

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SYSTEM INTEGRITY WITH **INVISIBLE SCREWS** EMPHASIZES SIMPLICITY IN DESIGN.



EXPANSIVE WINDOWS ALLOW DAYLIGHT TO ENTER, PROVIDING NATURAL ILLUMINATION AND ENERGY SAVINGS.



BECAUSE THE BOTTOM RAIL IS STEEL, IT IS **LONGER LASTING AND MORE DURABLE**.



SEASONAL EFFECTS MAKE THE PRODUCT **MORE USEFUL** WITH ITS **SINGLE GLASS AND THERMAL GLASS** OPTIONS.



SINCE THE WINDOWS **MOVE HORIZONTALLY** IN THE SLIDING SYSTEM, FURNITURE, FLOWER POTS, ETC., SUITABLE SIZES CAN BE IDENTIFIED IN FRONT OF THE SYSTEMS.



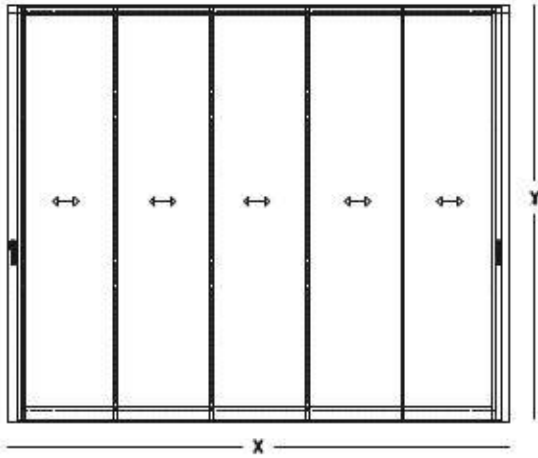
IT IS HELPFUL FOR **ENTRANCES AND EXITS** AS IT GATHERS ON BOTH SIDES IN THE SLIDING SYSTEM.



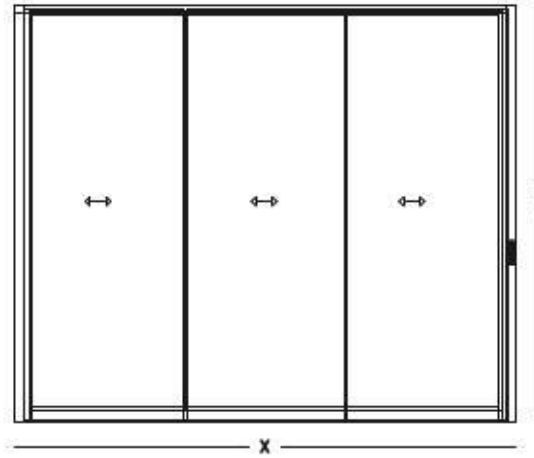
APPLICATIONS AND SIZE OPTIONS

OVERVIEW	HUUN SLIDING INTRODUCTION
	POSSIBLE LAYOUTS
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	PROFILES
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	TECHNICAL DETAILS

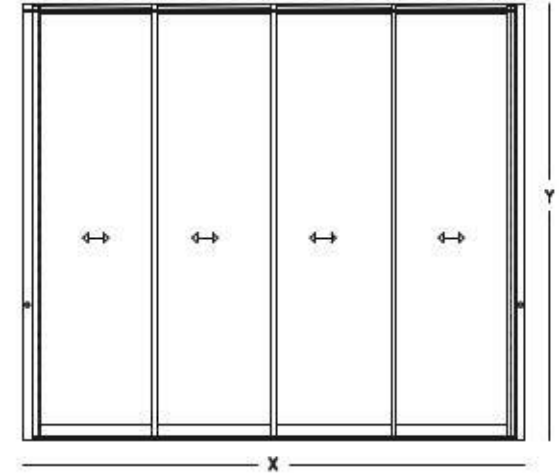
5 RAIL SINGLE GLASS SLIDING 5 PANELS



3 RAIL SINGLE GLASS SLIDING 3 PANELS



THERMAL SLIDING 4 PANELS



	WIDTH MIN	WIDTH MAX	MAX M'
x	2500 mm	6000 mm	18m'
y	1000 mm	3000 mm	
z	max. panel width is 1200 mm		

- System dimensions must remain between the minimum and maximum dimensions given above.
- On the edge version, up to 12 meters width can be produced and max. square meter will be 48.

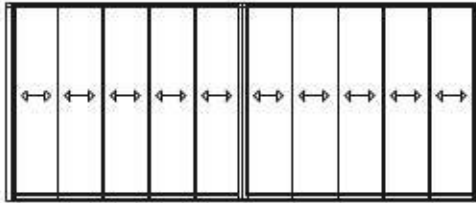
	WIDTH MIN	WIDTH MAX	MAX M'
x	1500 mm	3750 mm	11 m'
y	1000 mm	3000 mm	
z	max. panel width is 1200 mm		

- System dimensions must remain between the minimum and maximum dimensions given above.
- On the edge version, up to 7,5 meters width can be produced and max. square meter will be 22,5.

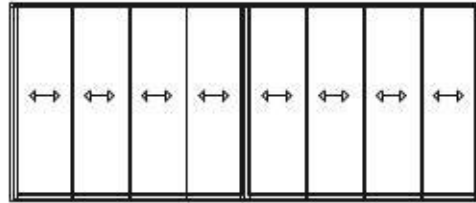
	WIDTH MIN	WIDTH MAX	MAX M'	
x	2000 mm	5000 mm	15 m'	
y	1000 mm	3000 mm		
z	max. panel width is 1200 mm			

- System dimensions must remain between the minimum and maximum dimensions given above.
- On the edge version, up to 10 meters width can be produced and max. square meter will be 30.

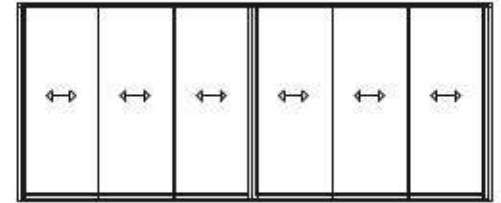
APPLICATIONS AND SIZE OPTIONS



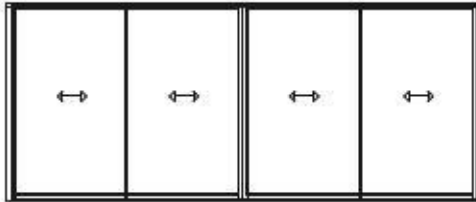
5 RAIL SINGLE GLASS SLIDING
5+5 PANELS



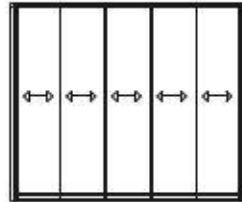
5 RAIL SINGLE GLASS SLIDING
4+4 PANELS



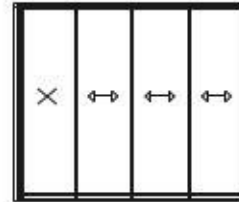
5 RAIL SINGLE GLASS SLIDING
3+3 PANELS



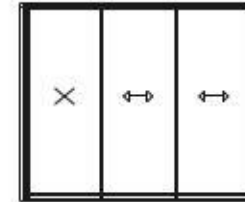
5 RAIL SINGLE GLASS SLIDING
2+2 PANELS



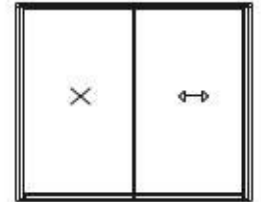
5 RAIL SINGLE GLASS
SLIDING 5 PANELS



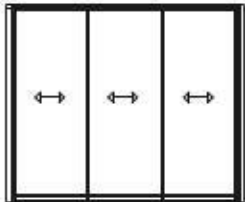
5 RAIL SINGLE
GLASS SLIDING
4 PANELS



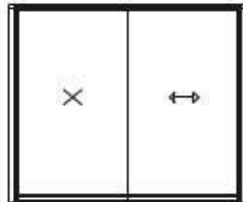
5 RAIL SINGLE GLASS
SLIDING 3 PANELS



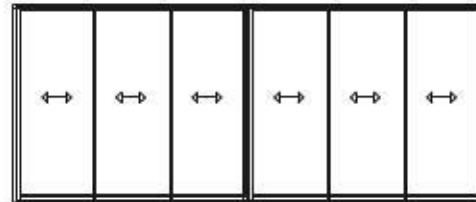
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SLIDING 2 PANELS



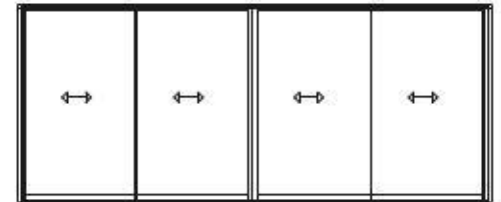
3 RAIL SINGLE GLASS
SLIDING 3 PANELS



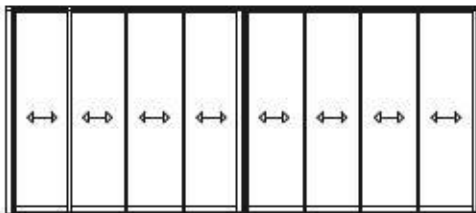
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SLIDING 2 PANELS



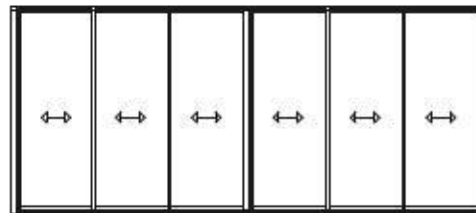
3 RAIL SINGLE GLASS SLIDING
3+3 PANELS



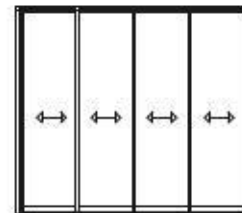
3 RAIL SINGLE GLASS SLIDING
2+2 PANELS



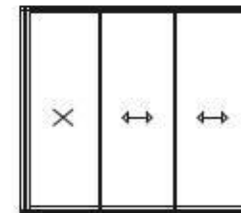
THERMAL SLIDING 4+4 PANELS



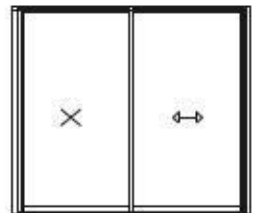
THERMAL SLIDING 3+3 PANELS



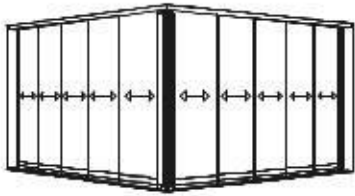
THERMAL SLIDING
4 PANELS



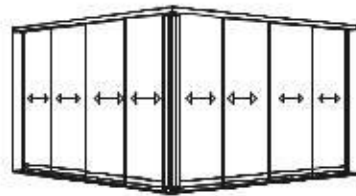
THERMAL SLIDING
3 PANELS



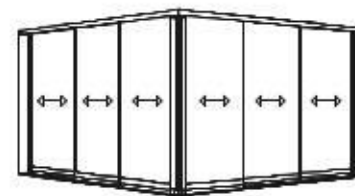
THERMAL SLIDING
2 PANELS



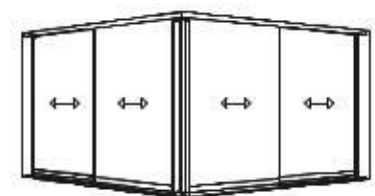
SINGLE GLASS 5+5
EDGE SLIDING



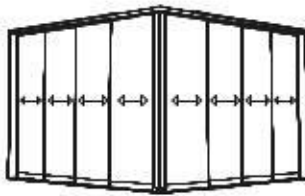
SINGLE GLASS 4+4
EDGE SLIDING



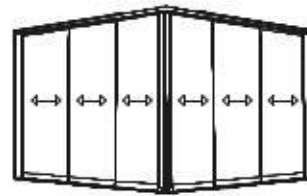
SINGLE GLASS 3+3
EDGE SLIDING



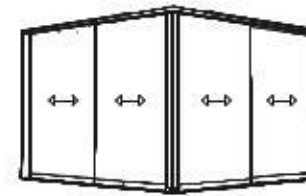
SINGLE GLASS 2+2
EDGE SLIDING



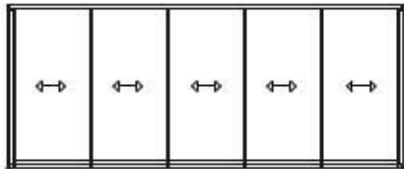
THERMAL GLASS 4+4
EDGE SLIDING



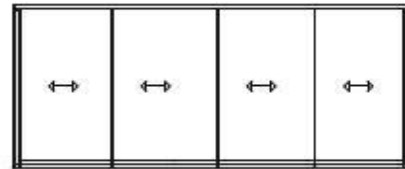
THERMAL GLASS 3+3
EDGE SLIDING



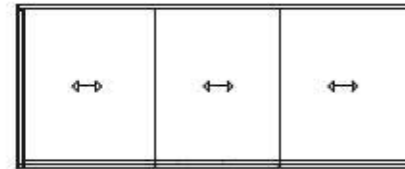
THERMAL GLASS 2+2
EDGE SLIDING



SINGLE GLASS SLIDING MYSTIC
5 PANELS



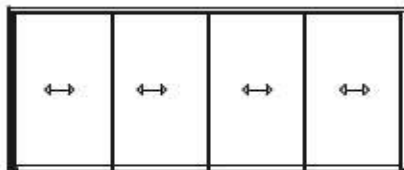
SINGLE GLASS SLIDING MYSTIC
4 PANELS



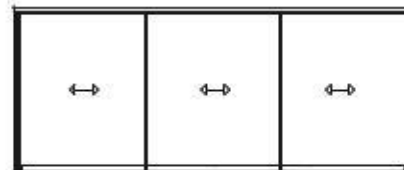
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3 PANELS



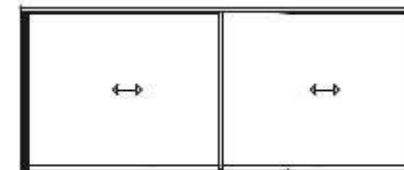
SINGLE GLASS SLIDING MYSTIC
2 PANELS



THERMAL GLASS SLIDING MYSTIC
4 PANELS



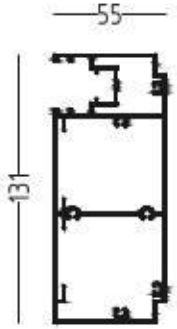
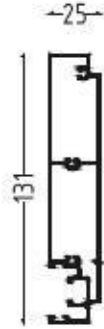
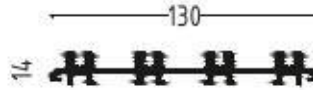
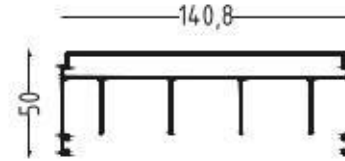
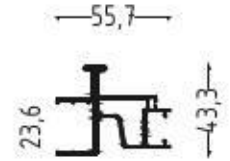
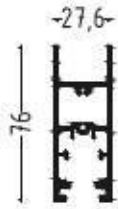
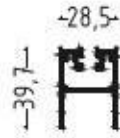
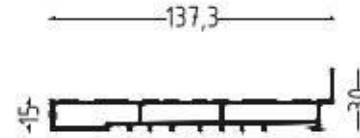
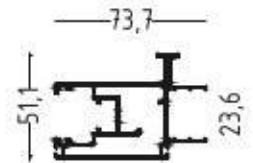
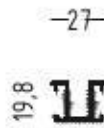
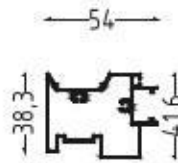
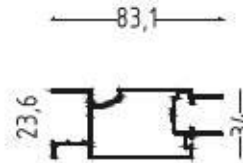
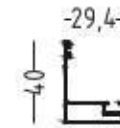
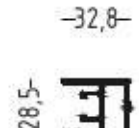
THERMAL GLASS SLIDING MYSTIC
3 PANELS



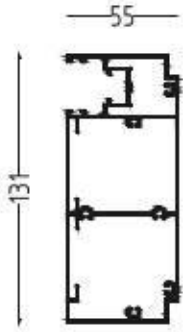
THERMAL GLASS SLIDING MYSTIC
2 PANELS



THERMAL GLASS SLIDING PROFILES

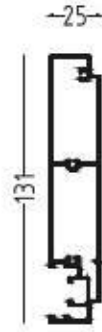
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SINGLE GLASS SLIDING PROFILES



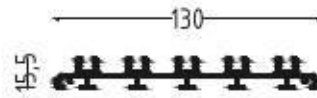
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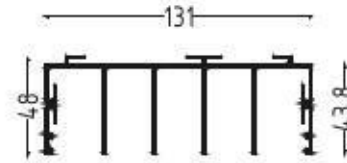
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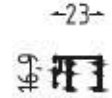
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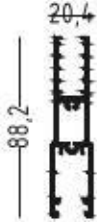
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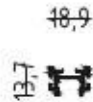
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WEIGHT (gr/m) **292**



11579

WEIGHT (gr/m) **1056**



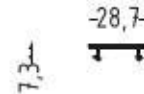
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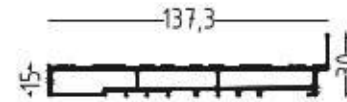
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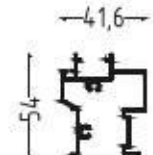
M6377

WEIGHT (gr/m) **127**



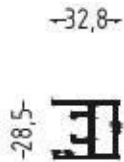
M6802

WEIGHT (gr/m) **1492**



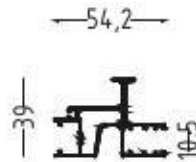
M6544

WEIGHT (gr/m) **944**



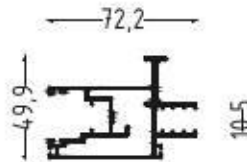
M6822

WEIGHT (gr/m) **716**



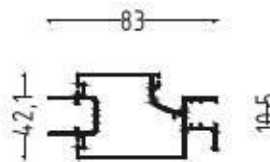
M6305

WEIGHT (gr/m) **929**



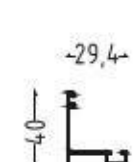
M6313

WEIGHT (gr/m) **1404**



M6819

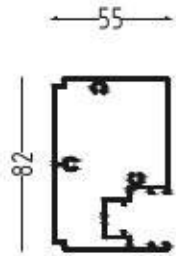
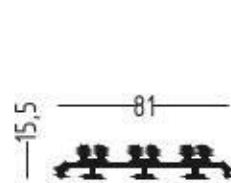
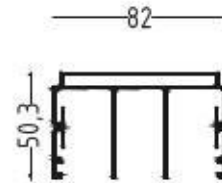
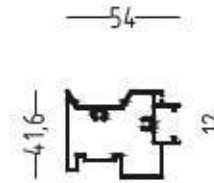
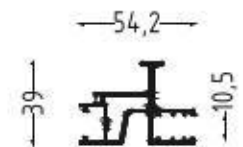
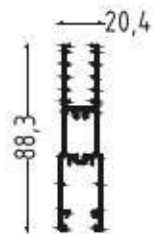
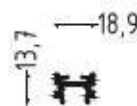
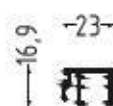
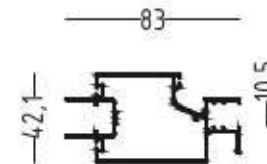
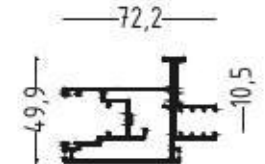
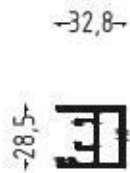
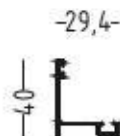
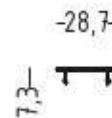
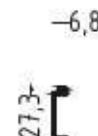
WEIGHT (gr/m) **1231**

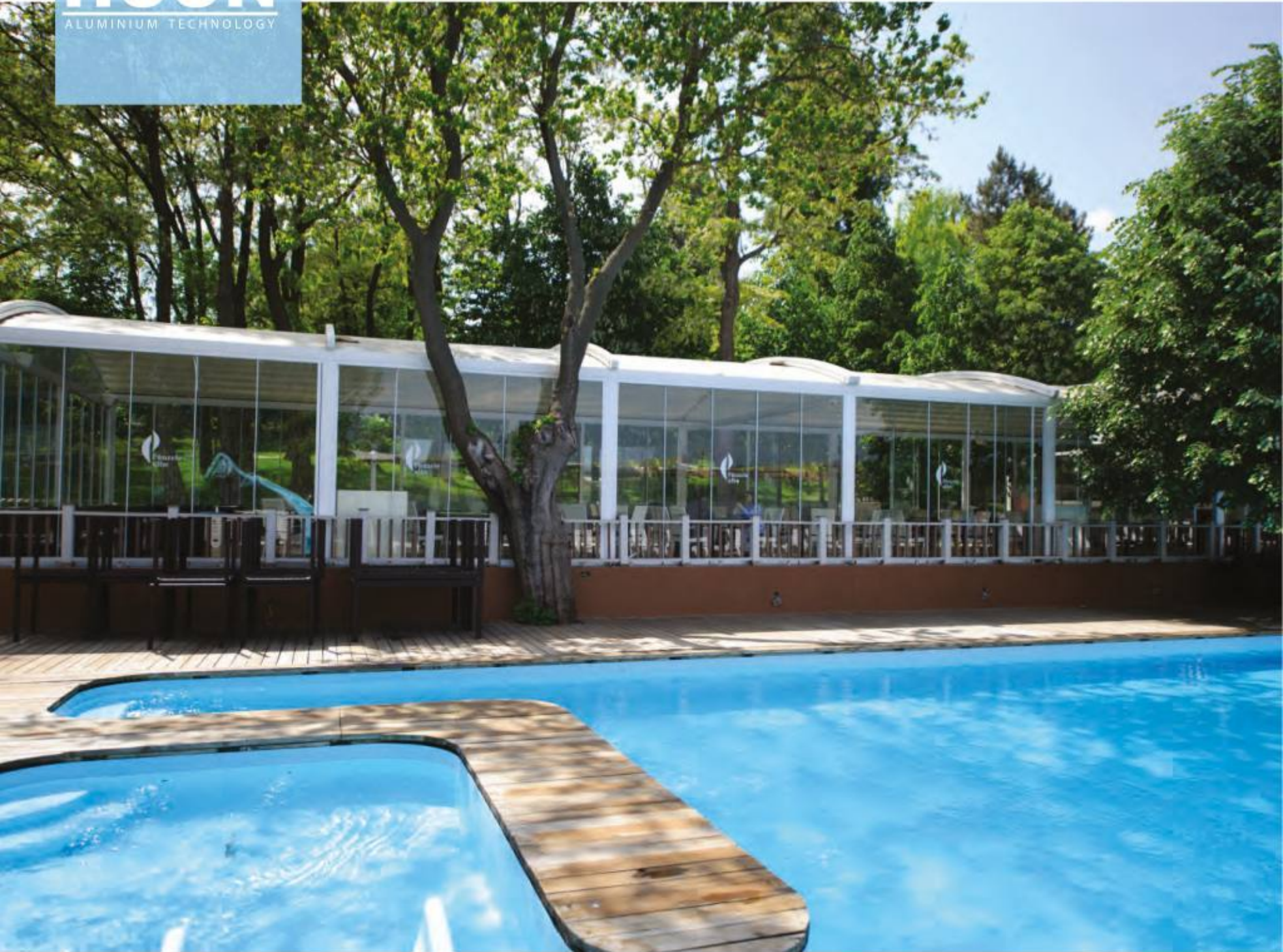


12039

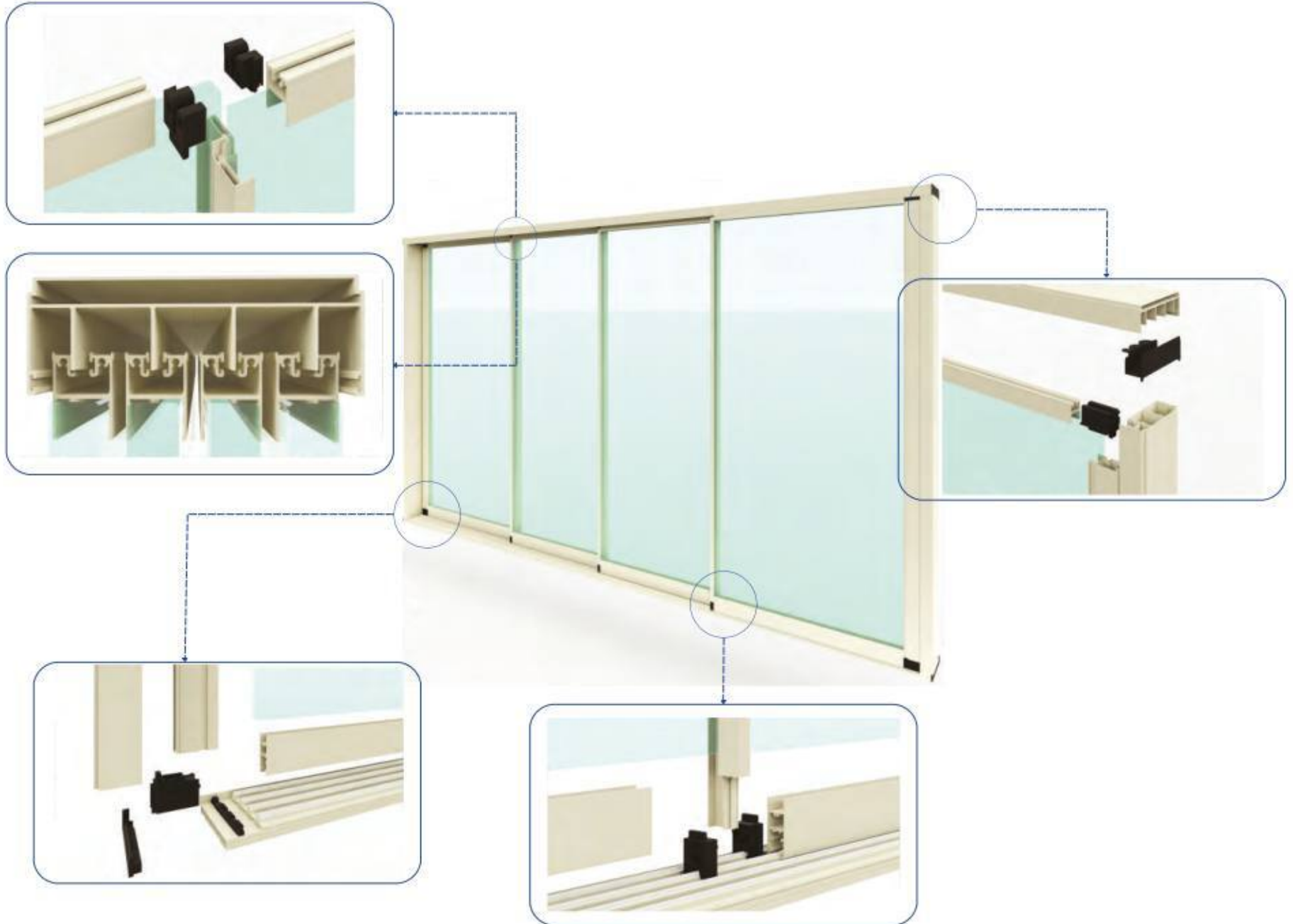
WEIGHT (gr/m) **431**

SINGLE GLASS SLIDING - 3 RAILS PROFILES

**M6334**WEIGHT (gr/m) **1530****M6333**WEIGHT (gr/m) **1064****M6332**WEIGHT (gr/m) **1553****M6544**WEIGHT (gr/m) **944****M6305**WEIGHT (gr/m) **929****11579**WEIGHT (gr/m) **1056****11574**WEIGHT (gr/m) **215****11646**WEIGHT (gr/m) **292****M6819**WEIGHT (gr/m) **1231****M6313**WEIGHT (gr/m) **1404****M6822**WEIGHT (gr/m) **716****12039**WEIGHT (gr/m) **431****M6377**WEIGHT (gr/m) **127****12061**WEIGHT (gr/m) **175**



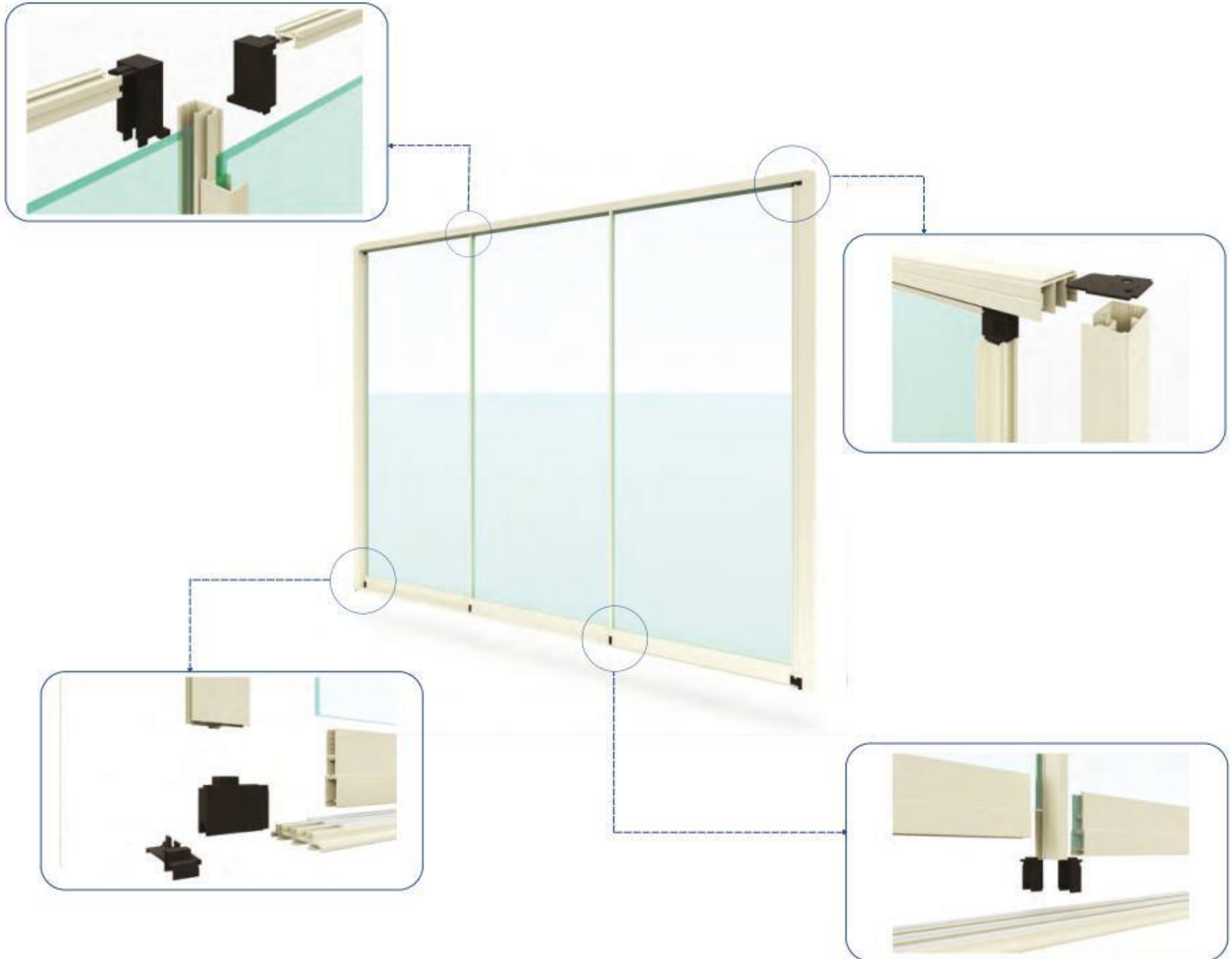
THERMAL GLASS SLIDING SECTION DETAILS



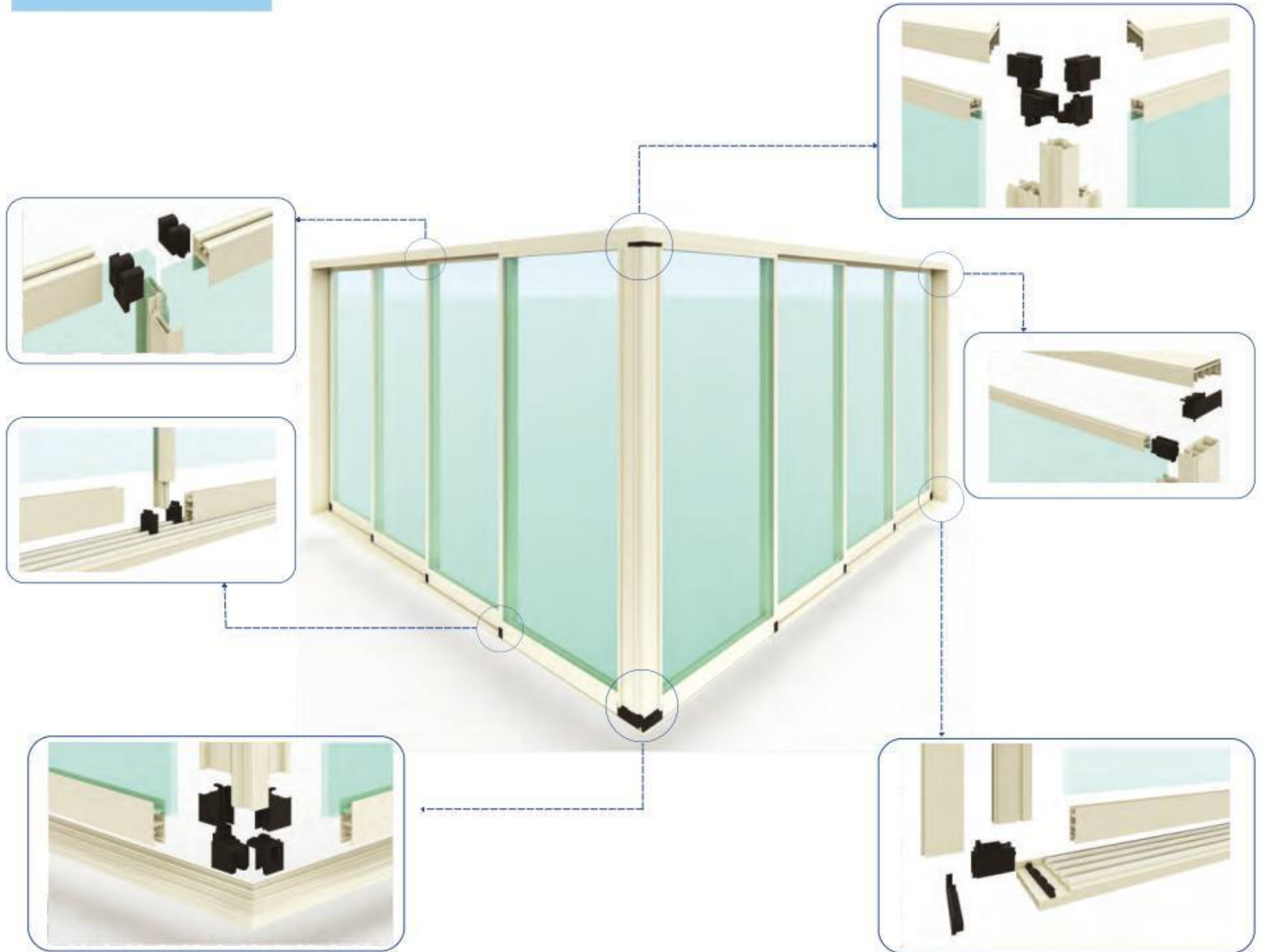
SINGLE GLASS SLIDING SECTION DETAILS



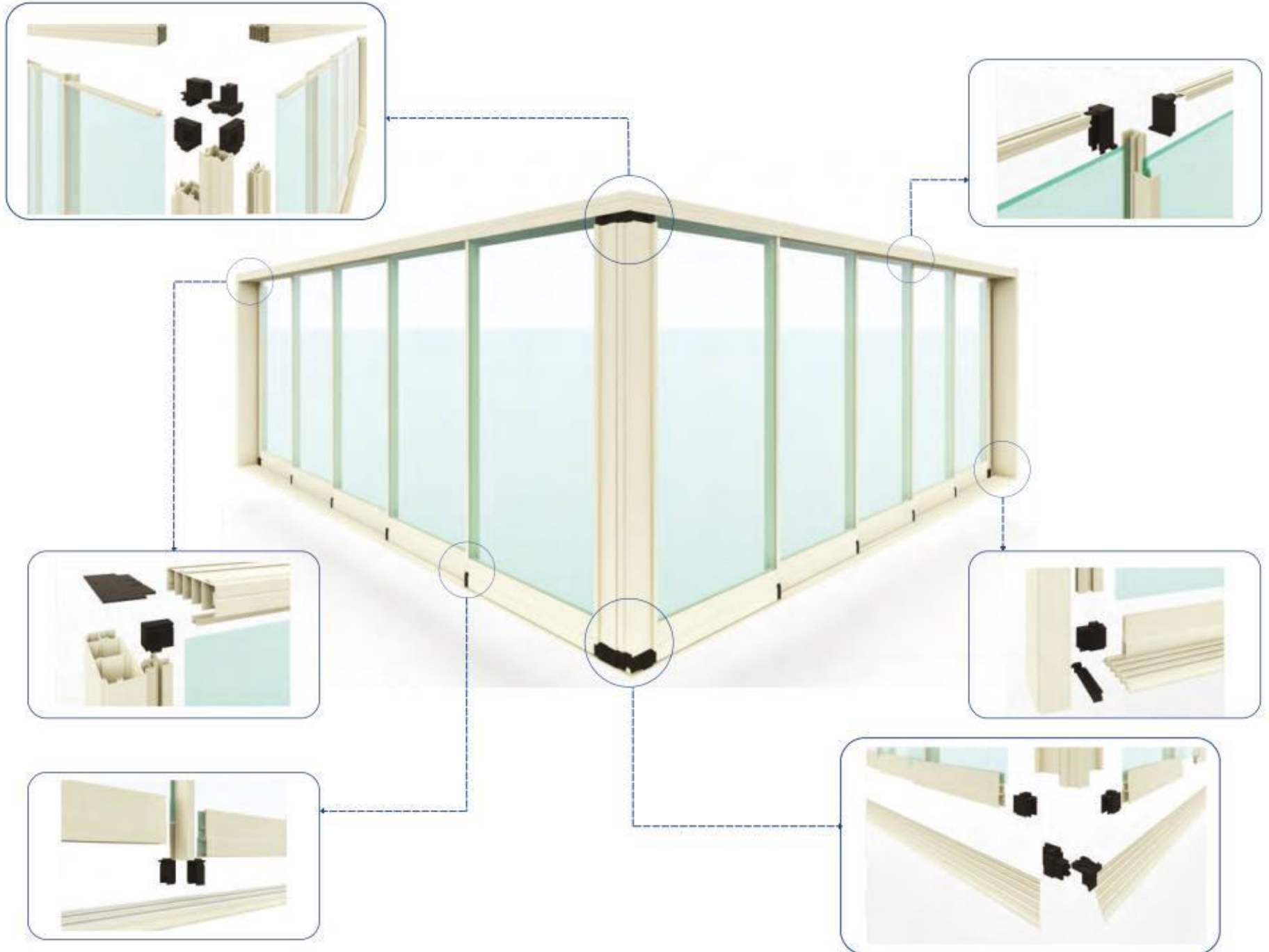
SINGLE GLASS SLIDING-3 RAIL SECTION DETAILS



THERMAL GLASS SLIDING EDGE SECTION DETAILS



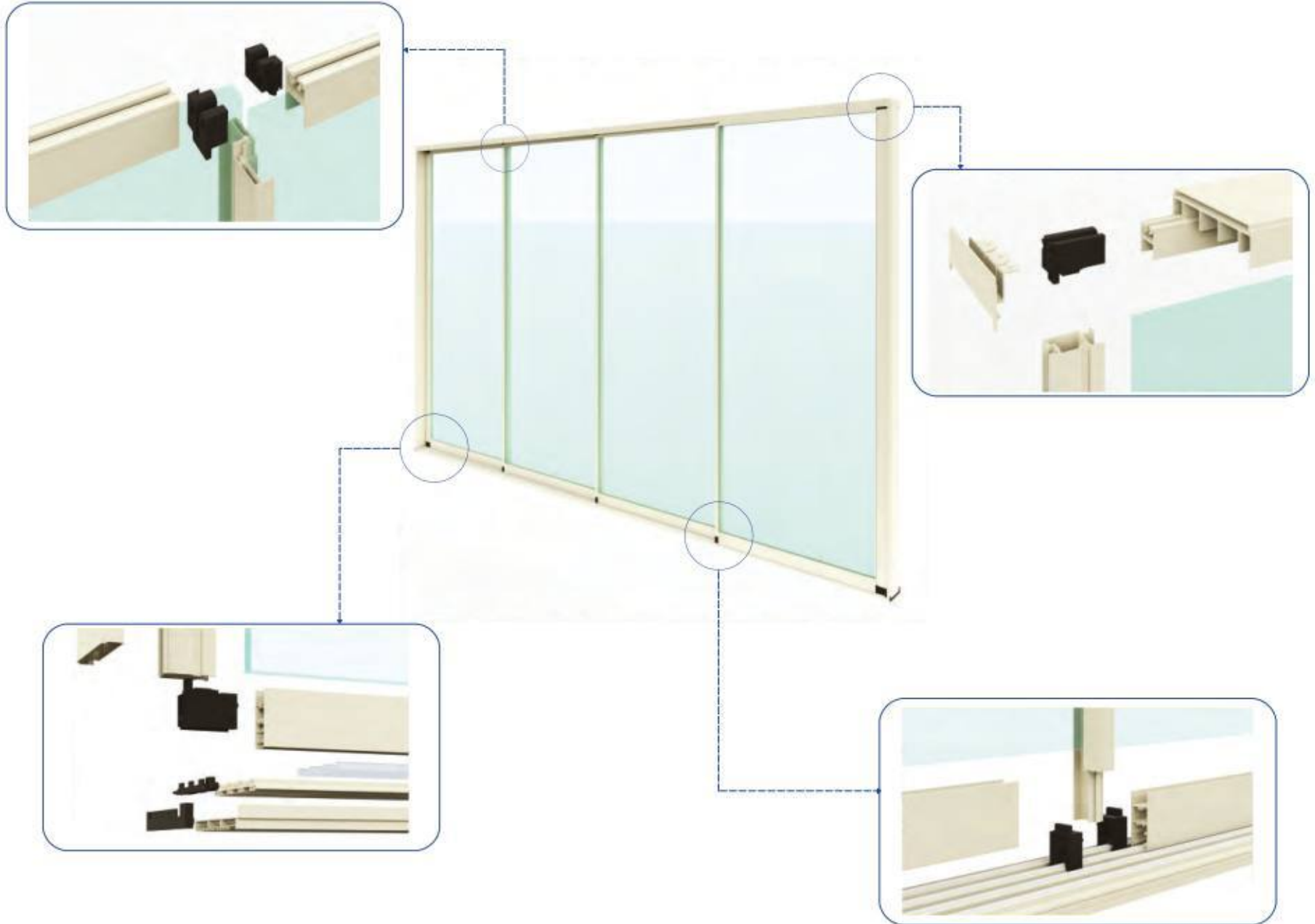
SINGLE GLASS SLIDING EDGE SECTION DETAILS

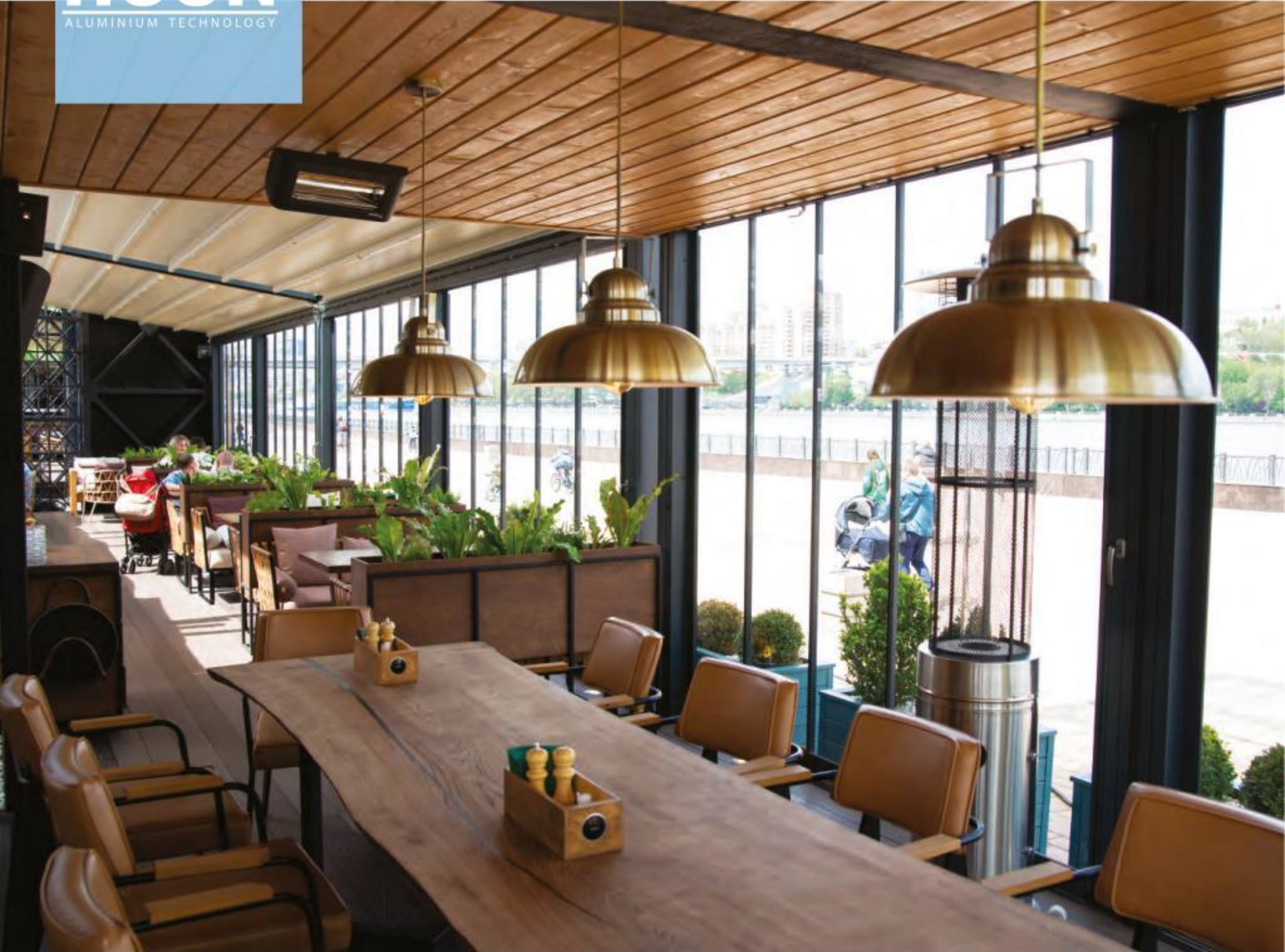


SINGLE GLASS SLIDING MYSTIC SECTION DETAILS



THERMAL GLASS SLIDING MYSTIC SECTION DETAILS





TECHNICAL DETAILS

ALUMINUM: THE MATERIALS USED BY EMREALUMINYUM – ALUMINUM AND GLASS – MEET THE HIGHEST QUALITY AND STANDARDS. ALL OF THE ALUMINUM WE USE IN OUR SYSTEMS ARE MADE OF THE FIRST QUALITY T6 6063 ALLOYS AT OUR EXTRUSION FACILITY. THUS, WE CAN CONTROL ALUMINUM PARAMETERS FROM RAW MATERIAL TO THE FINAL PRODUCT TO ENSURE IF THE INTENDED RATE IS ACHIEVED OR NOT. ALUMINUM IS NOT ONLY CORROSION-PROOF AND LIGHT, BUT IT IS ALSO INTENSIVELY DURABLE, AND WITH THESE FEATURES, IT IS THE BEST MATERIAL FOR SLIDING SYSTEMS.

GLASS: OFFERS A GREAT DEAL OF LIGHT AND MAXIMUM TRANSPARENCY; IT MEETS THE DEMANDS OF INCREASED ENERGY CONSCIOUSNESS AND REPRESENTS AN OPEN ROOM DESIGN. THE CHOICE OF SINGLE (10 MM) OR DOUBLE GLAZING (5+12+5 MM) AND THE TYPE OF GLASS COULD BE LAMINATED OR TEMPERED.

WHEEL: CARRIER WHEELS PLACED AT THE LOWER PART OF PANELS FROM TWO SIDES. BEARING USED INSIDE WHEEL PRODUCED BY CASTER MID AND IS VERY SUITABLE FOR LONG TERM USAGE. EASY TO ADJUST THE CORRECT POSITION OF WHEELS ON THE RAIL DURING THE INSTALLATION PROCESS THANKS TO CONFIGURABLE SCREW HEADS UP TO 4.5 MM. THERE ARE TWO OPTIONS, SINGLE AND DOUBLE CARRIER WHEELS, WHICH ARE DETERMINED ACCORDING TO THE PANELS' WEIGHT LEVEL. ON TOP OF PANELS, GUIDE WHEELS TAKE A POSITION, PROVIDING SMOOTH SLIDING AND REDUCING VIBRATION AGAINST WIND AND IMPACTS.

CHOICE OF COLORS: VARIOUS HIGH-QUALITY COATING OPTIONS (QUALICOAT CERTIFIED), ANODIZED OR WOOD COVER SURFACES FOR ALUMINUM, LET CUSTOMERS CUSTOMIZE THEIR HUUN SLIDING. BESIDES ALL, IT HELPS TO PROVIDE ROBUST DURABILITY TO ALUMINUM. AS AN OPTION, IT IS POSSIBLE TO CHOOSE DIFFERENT COLOR OPTIONS FOR GLASSES LIKE OPAC, TINTED GREEN, BLUE, BRONZE, CLEAR, AND REFLECTED.

STAINLESS STEEL RAIL: THE TOP OF THE LOWER RAIL IS COVERED WITH STEEL TO INCREASE DURABILITY AGAINST FRICTION AND PROVIDES A SMOOTH SLIDE WHILE OPENING AND CLOSING PANELS. THE WEIGHT OF THE PANELS ON THE GROUND AVOIDS STRESS ON THE UPPER LOAD-BEARING BEAM WHILE KEEPING MAXIMUM STRUCTURAL STABILITY.

HARDWARE: THE PAINTED ALUMINUM HANDLE IS PLACED ON A LATERAL PROFILE LOCATED ON THE ABUTMENT ON THE SIDE OF THE DOOR. TURNING THE HANDLE DOWNWARDS, THE COUNTER-THRUST LATERAL PROFILE EXERCISES PRESSURE ON THE PANEL, COMPACTING THEM FROM THE OPPOSITE SIDE AND IMPROVING SYSTEM RESISTANCE AND STABILITY APART FROM IMPERMEABILITY. STANDARD GLASS IS PLACED ON THE FIRST PANEL.

SEALING: TO IMPROVE COMPLETE PROTECTION AGAINST WIND AND RAIN, THERE IS A STANDARD ASSEMBLY OF SEALING GASKETS AT CONNECTION PARTS OF PANELS.



HUUN®

ALUMINIUM TECHNOLOGY

30 years of experience enables HUUN to offer a complete range of outdoor solutions which made of aluminum alloy, precious fabrics, and glass. HUUN creates sustainable outdoor shading and joinery solutions made of aluminum, that focuses on people and their needs in harmony with nature and technology. The solutions provide minimal operational costs, reduce exterior noise, improve public health and provide high quality fresh air to end users. With outstanding quality, design, and functionality, HUUN is bringing thoughts and feelings of engineers, architects, and designers to life...

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