



Builder Solution

2026



ALUMINUM CLAD WOOD

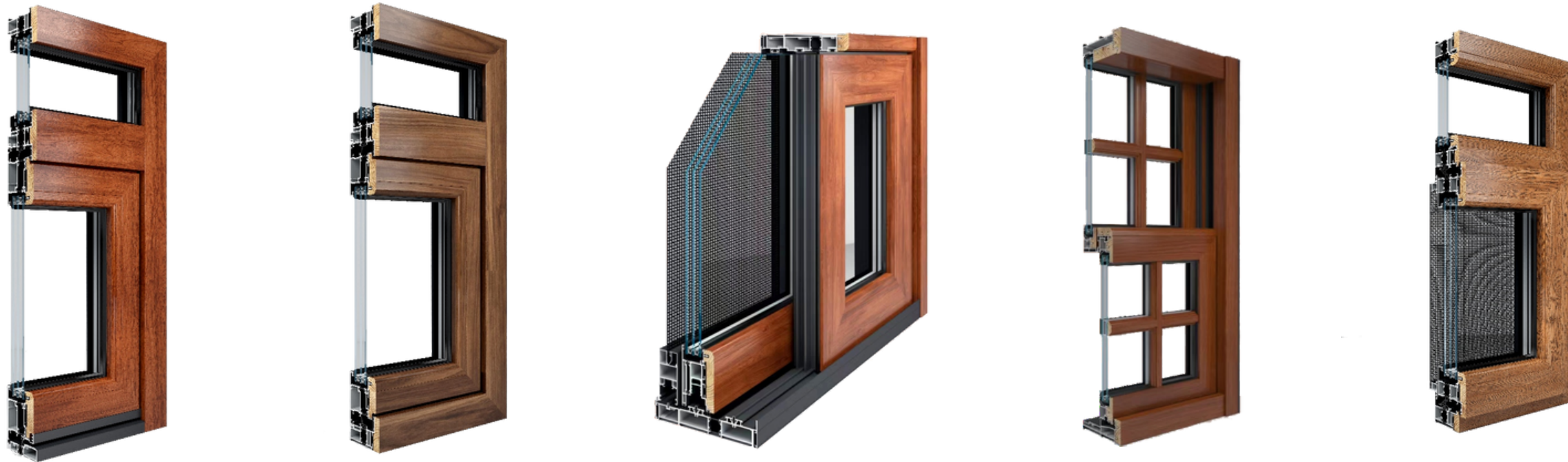


WINDOWS & DOORS

BUILDING MATERIALS

Characteristics of aluminum-clad wood:

1. Aluminum-clad wood windows and doors adopt a structure with aluminum on the outside and wood on the inside. The outdoor aluminum is not only waterproof and
2. The indoor wood surface is sprayed with imported special paint, which is not only moisture-proof and anti corrosion but also has various colors, which make the build
3. The combined structure of thermal break + hollow + aluminum-clad wood greatly enhances sound insulation, sealing, and thermal insulation performance, significant
4. The standard wood species is American red oak, with optional choices including Burma teak, black walnut, cherry wood, and rosewood.



ALUMINUM CLAD WOOD
WINDOWS & DOORS

HARDWARE SYSTEM



C-channel System (European Standard)



OUR PROFILES ARE SUITABLE FOR MOST OF FAMOUS DOMESTIC
AND INTERNATIONAL BRAND OF HARDWARE

STORO
— 斯特睿系统 —



SIEGENIA
SOLUTIONS INSIDE

CMECH

HOPPE®

HOPO

KIN LONG 坚朗

.....

Roto Frank/STORO/ Siegenia/ CMECH / HOPO/ Hoppe/ Kinlong.....



ALUMINUM CLAD WOOD NEW DESIGN FEATURES

In Order To Increase The Stress Of Frame

We Design The Best Aluminum Moulds

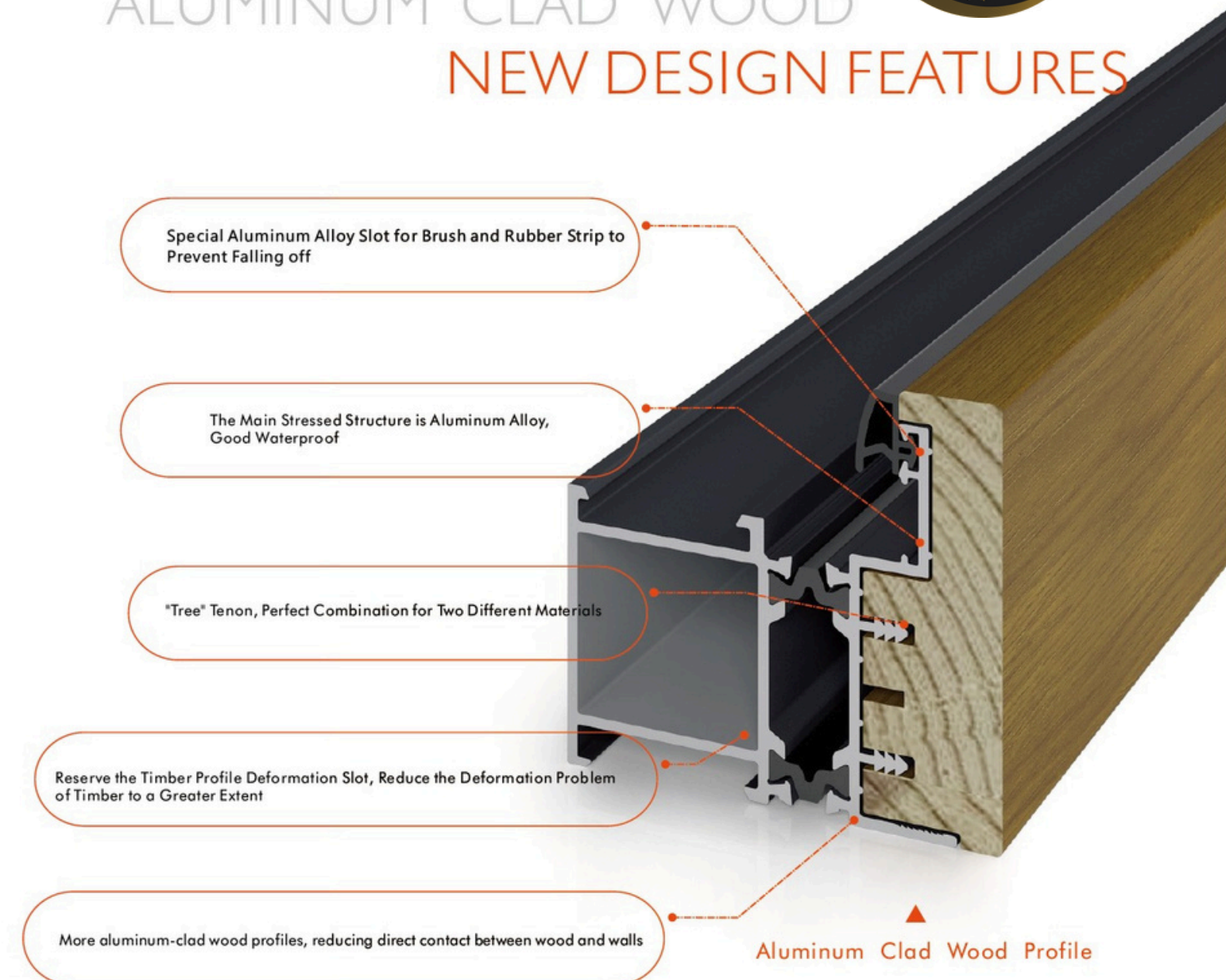
To Make Sure The Stress Forces Are In The Aluminum Not Wood

In Order To Prevent The Weather Stripping And Sealing Strips from falling off

We Put The Them On Aluminum

By Contrast, It Is More Stable

Characteristics of aluminum-clad wood



COLORFUL WINDOW COLORFUL LIFE

A vivid Oicture of a Hidden Past, A discourse on the
Enrichment Step in the Colorful Life.



Aluminum Clad Wood Window And Door

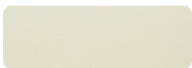
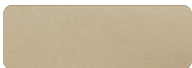
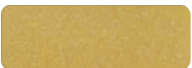
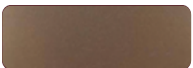


WOOD & COLOR

				
Oak· XM02#	Oak·XM03#	Oak·XM05#	Oak·XM06#	Oak·XM07#
				
Sapele·S01#	Ash·BL01#	Black Walnut·HT01#	Cherry·HY01#	Oak·XM01#
				
	Rosewood·HL01#	Teak·YM01#	Teak·YM02#	

ALUMINUM CLAD WOOD WINDOW & DOOR

ALUMINUM COLOR

				
TH3018	TH4002	TH3014	TH4003	TH3017
				
TH3012	TH3003	TH3022	TH3015	TH4004

Above colors may be a slight deviation phenomenon, please in kind prevail.
Support More Kinds of Wood and Wood Grain for Aluminum.Welcome to Conect us.

ALUMINUM-CLAD WOOD WINDOW INTEGRATED INWARD OPENING WINDOW/WINDOW SCREEN

TH 75

Profile: Aluminum clad wood Profile,6063-T5

Thickness: 1.8mm

Glaze: Rabbet 33mm,Double Tempered Glass (Standard),
Low-E/Triple Glass/Internal Grille/Internal Blind(Optional)
/Triple glazing

Hardware: Germany ROTO/SIEGENIA/ CMECH

Screen: 304SS Anti-Thief Screen/Mosquito Screen/Protective Barrier

Wood: America Oak(Standard), Burma Teak/Dark Walnut/Cherry
Wood/Red Rosewood(Optional)



OPENING WINDOW

The technical drawing illustrates a window assembly with a plan view and three cross-sections (A, B, and C).

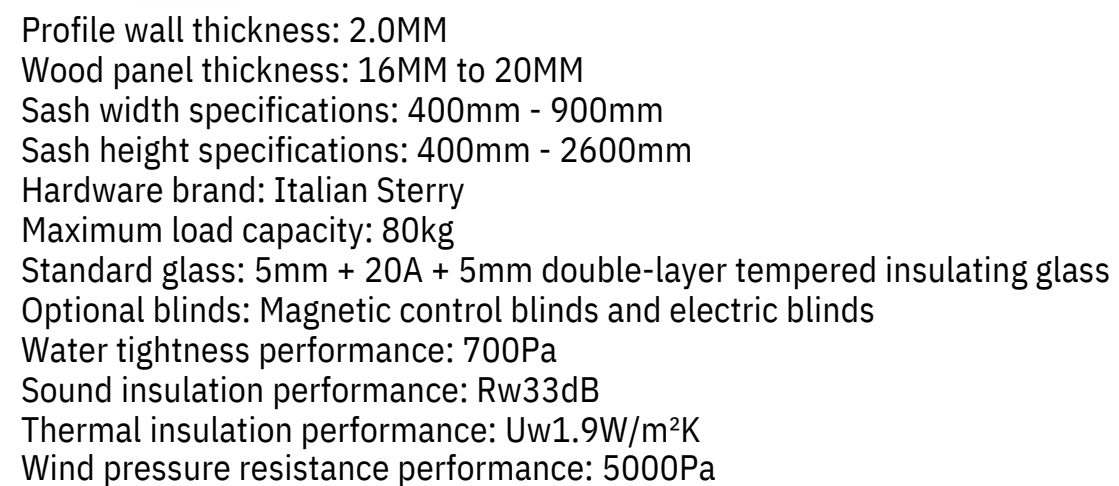
Plan View: The plan view shows a rectangular window frame with a central opening labeled A1. The frame is divided into two main sections, F1 (left) and F2 (right). The frame is labeled with numbers 1 through 6 at the corners and midpoints. The opening A1 is labeled with A1. The frame is labeled with A, B, C, D, and E at the corners.

Cross-Section C: This section shows the window frame and the opening A1. The frame is labeled with 94, 75, 28, 74, and 55. The opening A1 is labeled with 55. The frame is labeled with C.

Cross-Section D: This section shows the window frame and the opening A1. The frame is labeled with 74, 48, 75, and 47. The opening A1 is labeled with 55. The frame is labeled with D. The labels "Inside" and "Outside" are present.

Cross-Section A: This section shows the window frame and the opening A1. The frame is labeled with 75, 35, 20, and 55. The opening A1 is labeled with 55. The frame is labeled with A. The labels "Inside" and "Outside" are present.

Cross-Section B: This section shows the window frame and the opening A1. The frame is labeled with 35, 20, 75, and 55. The opening A1 is labeled with 55. The frame is labeled with B. The labels "Inside" and "Outside" are present.



NM	NM	THK	NM	NM	THK	NM	NM	THK
Window frame	TH-LMN75-01	1.8mm	central stile	TH-LMN75-02	1.8mm	Window sash	TH-LMN75-03	1.8mm
NM	NM	THK	NM	NM	THK	NM	NM	THK
Crimping line	TH-LMN75-04	1.3mm	Crimping line	TH-LMW80-05	1.2mm	Mesh frame	TH-LMN75-06	1.4mm
NM	NM	THK	NM	NM	THK	NM	NM	THK
Rubber strip	HS2947K	1.4mm	Rubber strip	TH-60K01	1.4mm	Rubber strip	EP0234L	1.4mm

ALUMINUM CLAD WOOD WINDOW OUUWARD OPENING WINDOW

TH 80

Profile: Aluminum clad wood profile, 6063-T5

Thickness: 2.0mm

Glaze: Rabbet 33mm, double tempered glass (standard),
Low-E/ triple glass/ internal grille/ internal blind (optional)
/ triple glazing

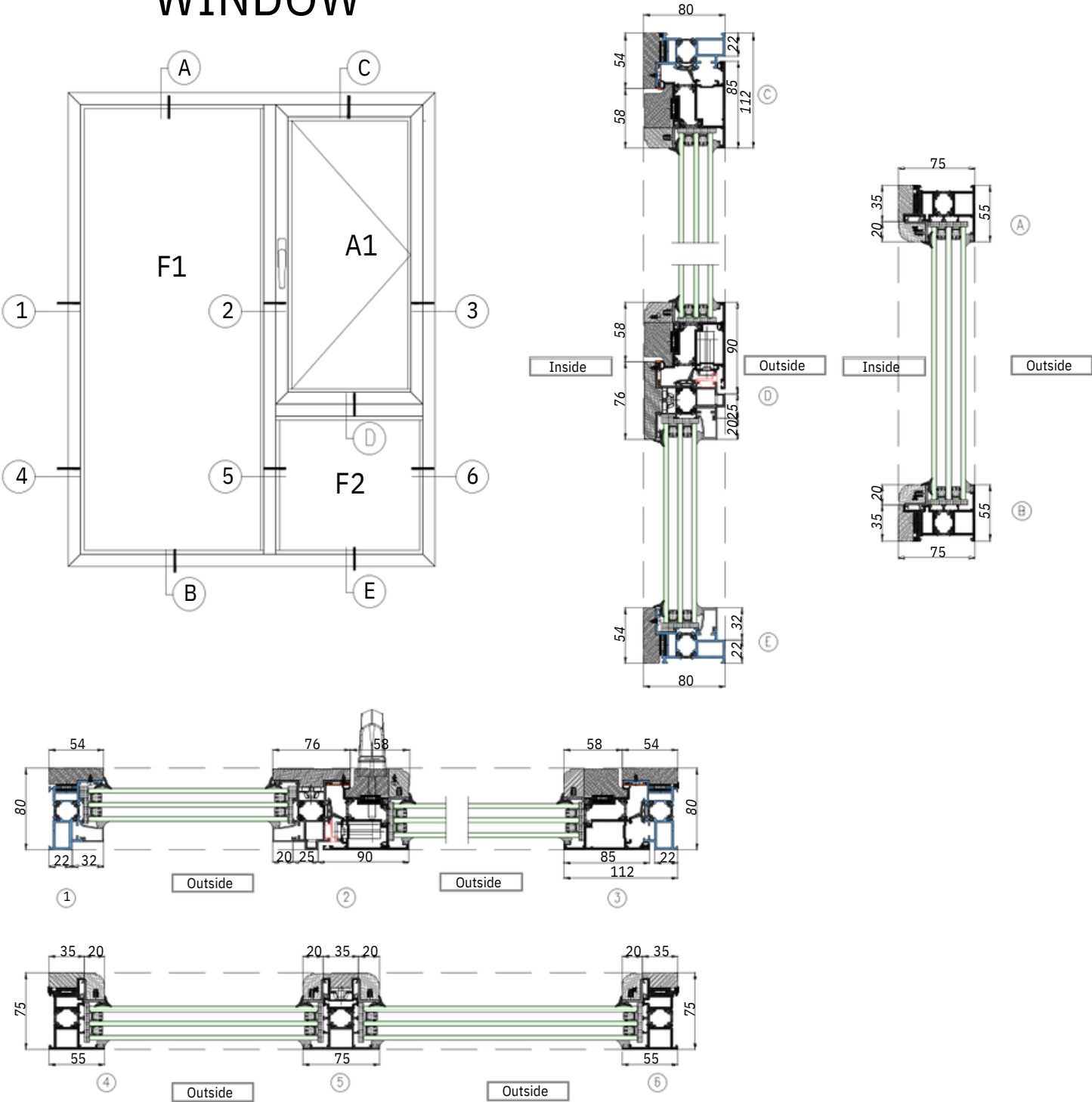
Hardware: Germany ROTO/ SIEGENIA/ CMECH

Wood: America oak (Standard) , Burma teak/ dark walnut/
cherry wood/ rosewood (optional)

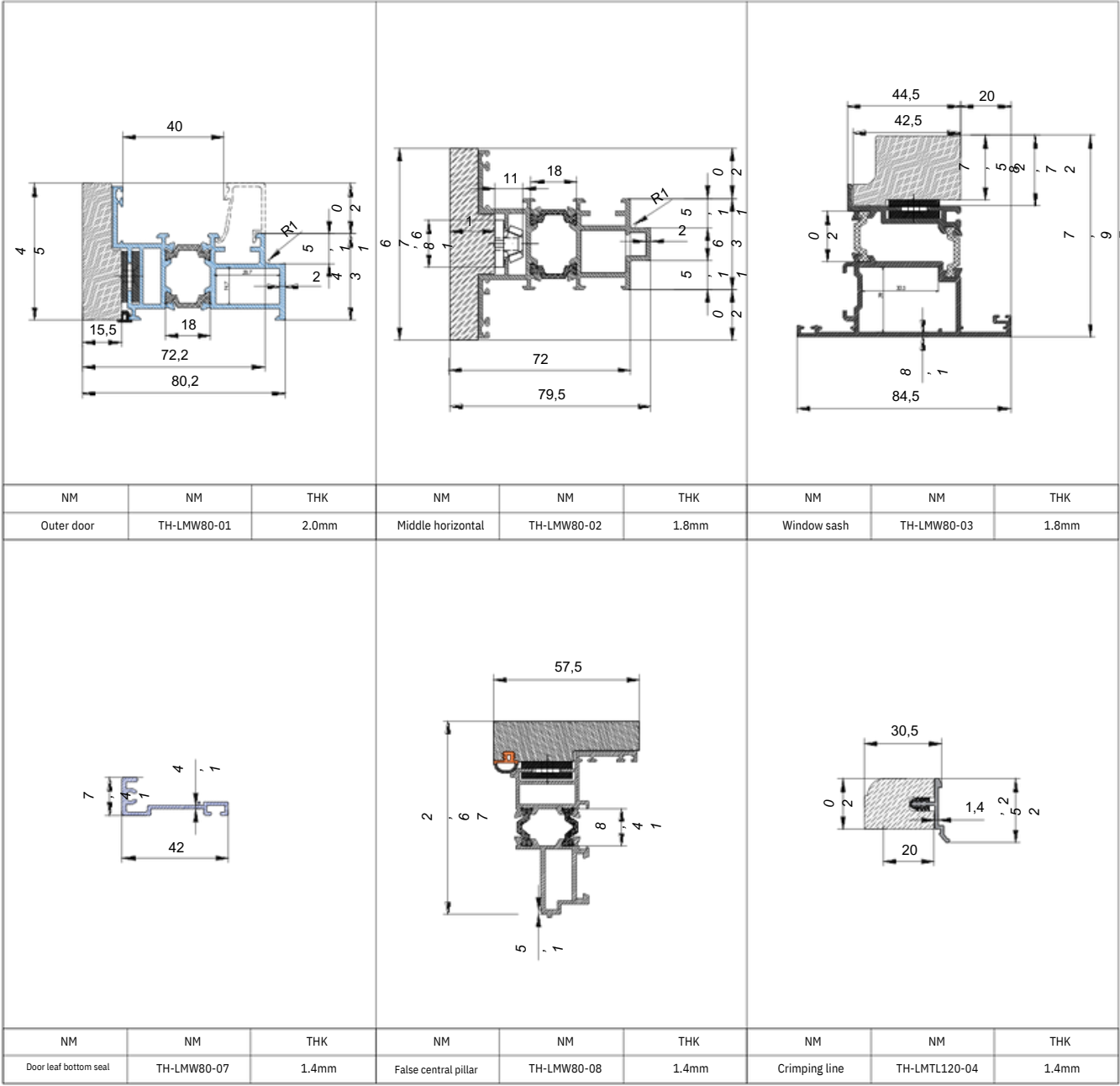


TH-80 OUTWARD OPENING WINDOW

TH-80 OUTWARD OPENING WINDOW Profile Diagram



Profile thickness: 2.0MM
Wood panel thickness: 16MM to 20MM
Sash width specifications: 400mm - 900mm
Sash height specifications: 400mm - 2600mm
Hardware brand: Italian Sterry
Maximum load capacity: 80kg
Standard glass: 5mm + 20A + 5mm double-layer tempered insulating glass
Optional blinds: Magnetic control blinds and electric blinds
Water tightness performance: 700Pa
Sound insulation performance: Rw33dB
Thermal insulation performance: Uw1.9W/m²K
Wind pressure resistance performance: 5000Pa



ALUMINUM CLAD WOOD WINDOW OUTWARD OPENING DOOR

TH 80

Profile: Aluminum clad wood profile, 6063.T5

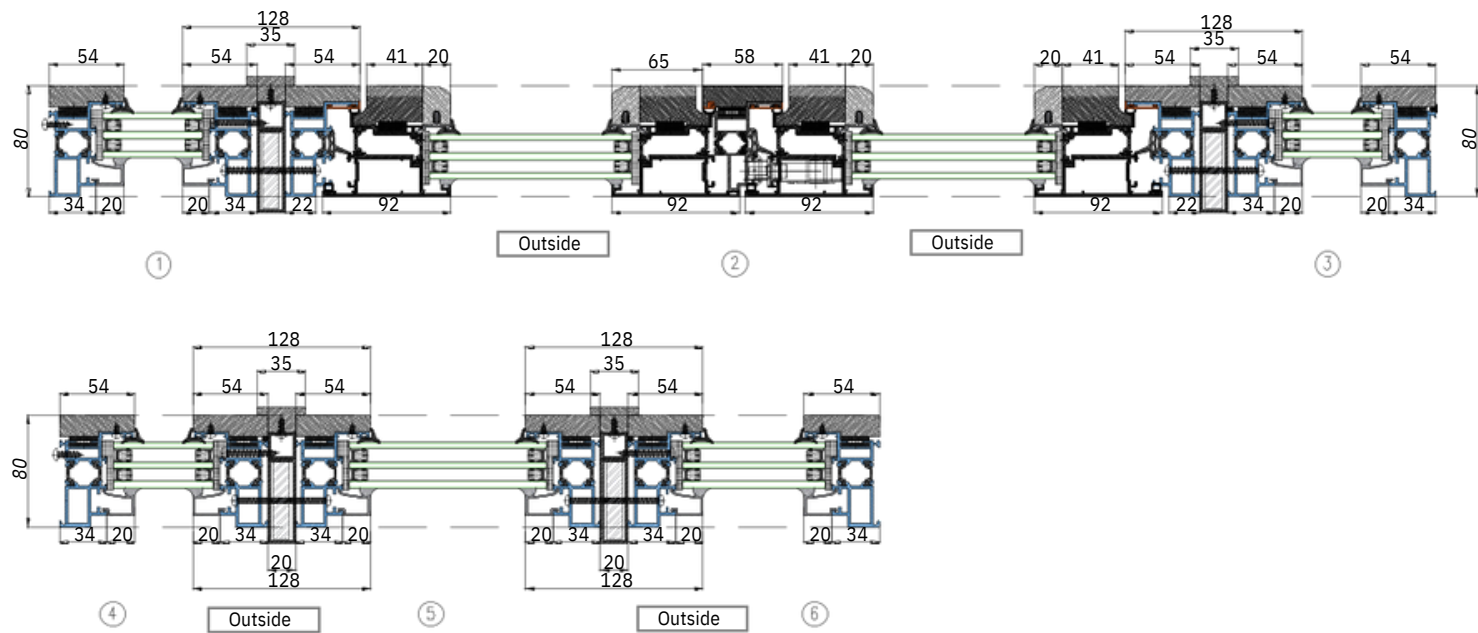
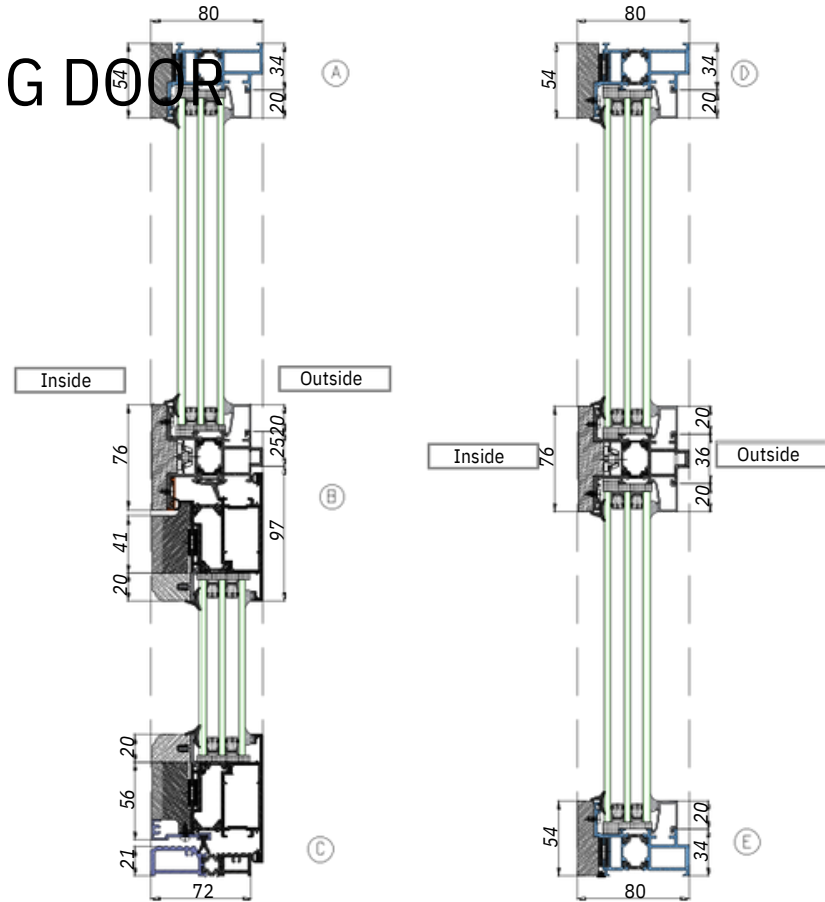
Thickness: 2.0mm

Glaze: Rabbet 33mm, double tempered glass (standard),
Low-E/ triple glass/ internal grille/ internal blind (optional)
/ triple glazing

Hardware: Germany ROTO/ SIEGENIA/ CMECH

Wood: America oak (Standard) , Burma teak/ dark walnut/
cherry wood/ rosewood (optional)





Wind pressure resistance performance: 5000Pa

Technical drawing of a stepped shaft. The drawing shows a shaft with a total length of 34,5. The shaft has a step. The dimensions are: 7 (height of the first step), 1 (width of the first step), 4 (height of the second step), 1 (width of the second step), and 34,5 (total length).

NM	NM	THK
Door leaf bottom seal	TH-LMW80-07	1.4mm

ALUMINUM CLAD WOOD SINGLE HUNG WINDOW WITH INSECT SCREEN

TH 120

Profile: Aluminum clad wood profile,6063-T5

Thickness: 1.5mm

Glass: Rabbet 25mmdouble tempered glass(standard),
low-e glass/ internal grille). It's available matching
with hollow aluminum wood decorative grille.

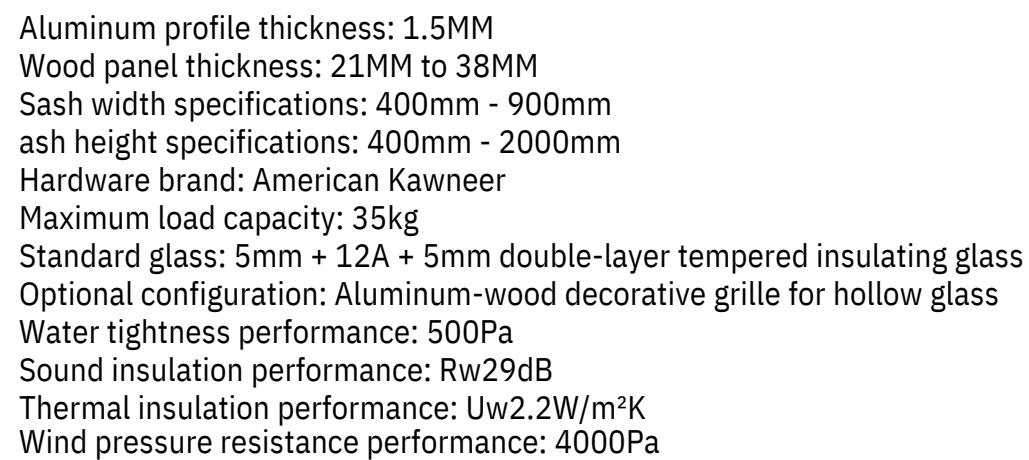
Option:Equip with insect screen

Hardware: America Caldwell

Wood: America oak (Standard) , Burna teak/ dark walnut/
cherry wood/ rosewood (optional)



TH-120 Single Hung Window Profile Drawing



NM	NM	THK	NM	NM	THK	NM	NM	THK
Window Head	TH-LMTL120-01	1.5mm	Window Sill	TH-LMTL120-02	1.4mm	Window Frame	TH-LMTL120-03	1.5mm
NM	NM	THK	NM	NM	THK	NM	NM	THK
Window Sash	TH-LMTL120-04	1.4mm	Window Mullion	TH-LMTL120-05	1.4mm	Sash Cover	TH-LMTL120-06	1.2mm
NM	NM	THK	NM	NM	THK	NM	NM	THK
Window Weatherstrip	TH-LMTL120-07	1.0mm	Insertion Strip	TH-LMTL120-08W		Insertion Strip	TH-LKT-01	0.8mm
NM	NM	THK	NM	NM	THK	NM	NM	THK
Glass Clamping	TH-LMTL120-09	1.3mm	Screen Sash	TH-LMTL120-10	1.2mm	Insertion Strip	TH-LKT-01	

THERMAL BREAK ALUMINUM CLAD WOOD HEAVY LIFTING SLIDING DOOR WITH SCREEN



TH 160/210

Profile: Thermal break aluminum clad wood profile, 6063-T5

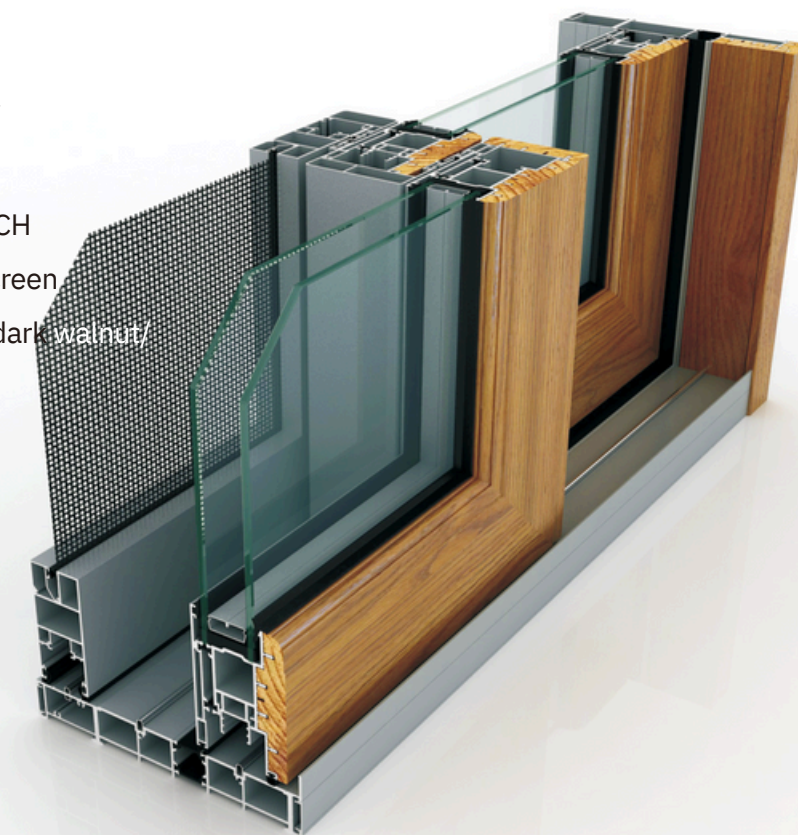
Thickness: 2.2mm

Glaze: Rabbet 33mm, double tempered glass
(standard), low-e/ triple glass/ internal grille/
internal blind (optional)

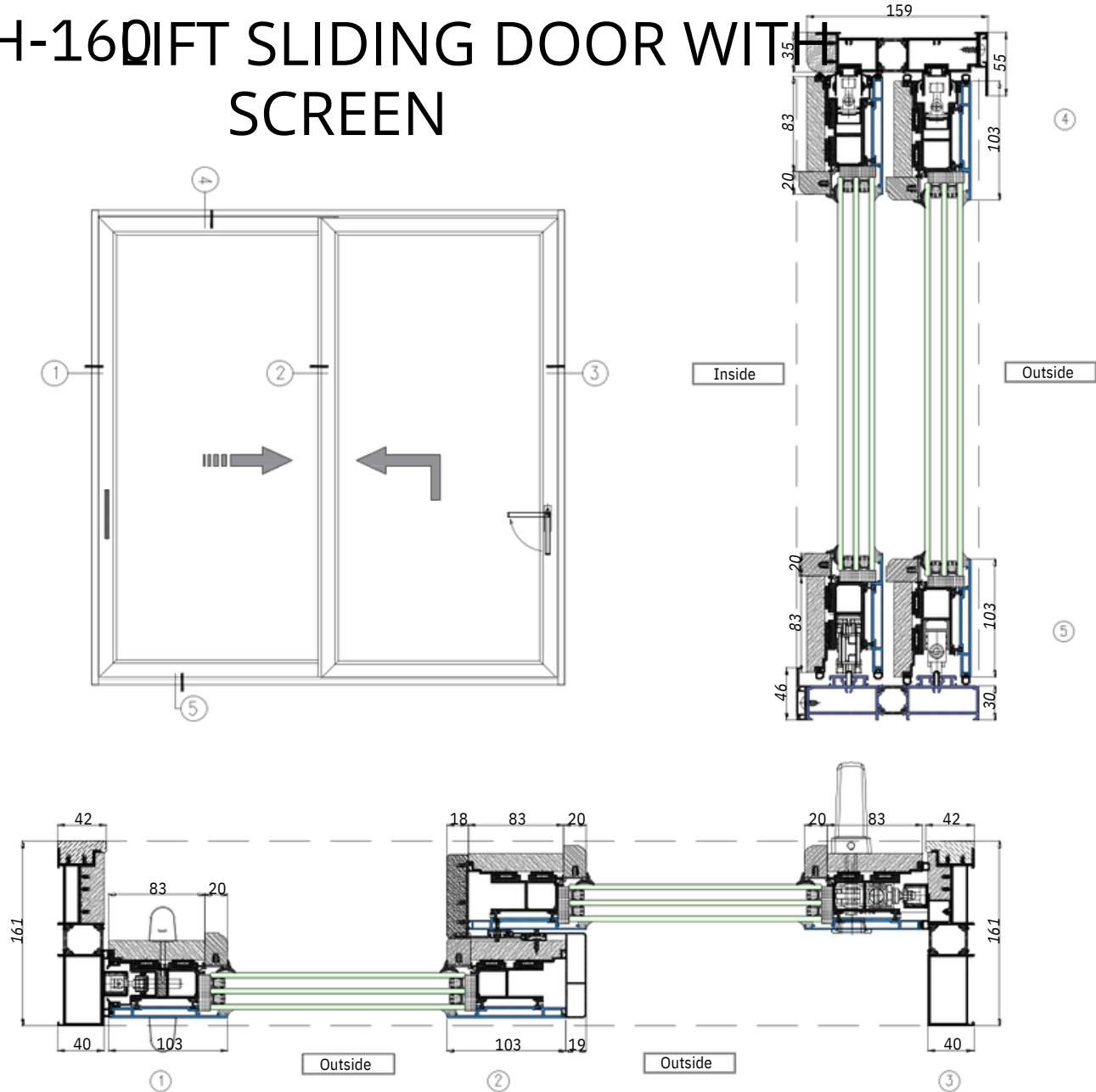
Hardware: Germany ROTO/ SIEGENIA / CMECH

Screen: Equip with 304SS aluminum mesh screen

Wood: America oak (Standard) , Burma teak/ dark walnut/
cherry wood/ rosewood (optional)



TH-160 LIFT SLIDING DOOR WITH SCREEN



- Profile thickness: 2.2MM
- Wood panel thickness: 16MM to 26MM
- Sash width specifications: 600mm - 2500mm
- Sash height specifications: 1200mm - 3200mm
- Hardware brand: CMECH (USA) / G-U (Germany)
- Maximum load capacity: 420kg
- Standard glass: 6mm + 21A + 6mm double-layer tempered insulating glass
- Optional blinds: Magnetic control blinds and electric blinds
- Water tightness performance: 600Pa
- Sound insulation performance: Rw33dB
- Thermal insulation performance: Uw2.2W/m²K
- Wind pressure resistance performance: 5000Pa

LIFT SLIDING DOOR WITH SCR Profile Diagram

NM	NM	THK	NM	NM	THK	NM	NM	THK
Left sealing	TH-LMT160-01L	2.2mm	Right sealing	TH-LMT160-01R	2.2mm	Sliding upward	TH-LMT160-02	2.2mm
NM	NM	THK	NM	NM	THK	NM	NM	THK
Sliding downward	TH-LMT160-03A	2.2mm	Door leaf	TH-LMT160-04A	2.2mm	Wooden door latch	TH-LMT160-05	1.2mm
NM	NM	THK	NM	NM	THK	NM	NM	THK
Aluminum door latch	TH-LMT160-06	1.2mm	Sliding upward	TH-LMT120-04	1.4mm	Drive rod bracket	TH-LMT160-08A	1.4mm
NM	NM	THK	NM	NM	THK	NM	NM	THK
Door leaf clearance	TH-LMT160-09A	1.4mm	Pulley support	TH-LMT160-12A	1.6mm	Door leaf glass clamping	TH-LMW80-05	1.2mm