



PHILIPP HOLZMANN
ALUMINIUM

www.philippholzmannaluminium.com

"Architectural solutions with Elegance and Durability"



PHILIPP HIC



DOLZMANN
ALUMINIUM

About Us

At Philipp Holzmann Aluminium, we are dedicated to delivering innovative solutions in the aluminum industry. By combining quality, reliability, and aesthetics, we meet the demands of modern architecture and provide our clients with sustainable and cutting-edge products. With years of experience and a team of experts, we take pride in being an industry leader setting new standards. Utilizing state-of-the-art technology in our production processes, we design eco-friendly and high-performance aluminum solutions that add value to your projects.

Philipp Holzmann Aluminium specializes in providing durable and aesthetically pleasing solutions for construction, architectural, and industrial projects. Through strong partnerships and a global vision, we continue to add value to the industry.

Discover how we can bring the perfect aluminum solutions to your projects.





QUALITY:

Excellence at every stage.



INNOVATION:

Addressing the needs of tomorrow, today.



ENVIRONMENTAL RESPONSIBILITY:

Sustainable production with a commitment to the planet.



CUSTOMER- CENTRIC APPROACH:

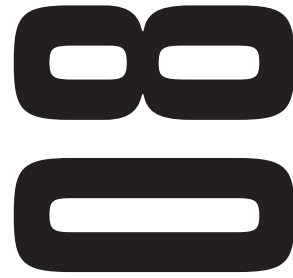
Tailored solutions to meet your unique requirements.



PHILIPP HOLZMANN
ALUMINIUM

İçindekiler

CONTENTS



Door And Window System -
Uninsulated

PH-41 T
ST-41 T
PH-42 C
PH-55 C



Door And Window System -
Insulated

PH-62 THV
PH-78 T
PH-55 T

A large, bold, black stylized number '44' composed of thick horizontal and vertical bars.

Sliding System -
Insulated

PH-60 T
PH-70 T
PH-34 T
PH-38 T

A large, bold, black stylized number '76' composed of thick horizontal and vertical bars.

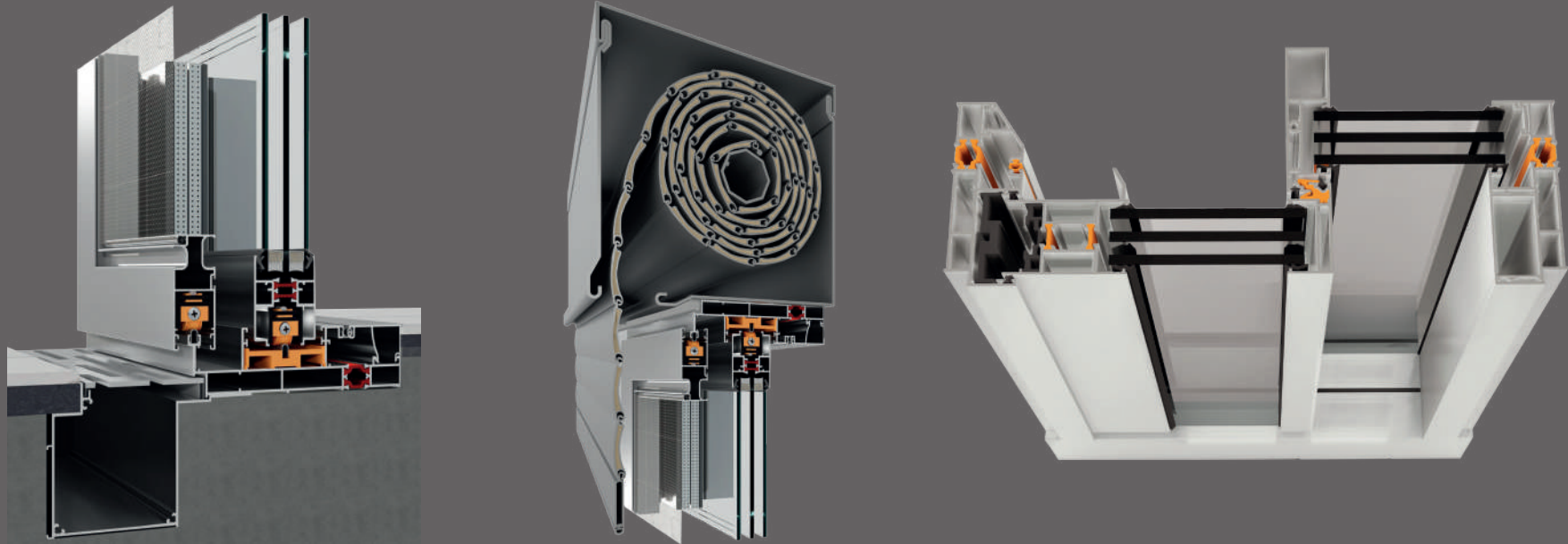
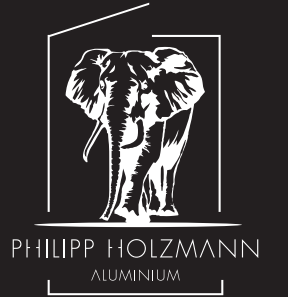
Sliding System -
Uninsulated

PH-28 C
PH-32 C
PH-40 C

PH-41 T

PH-41 T

Technical Specifications



PH-41 T



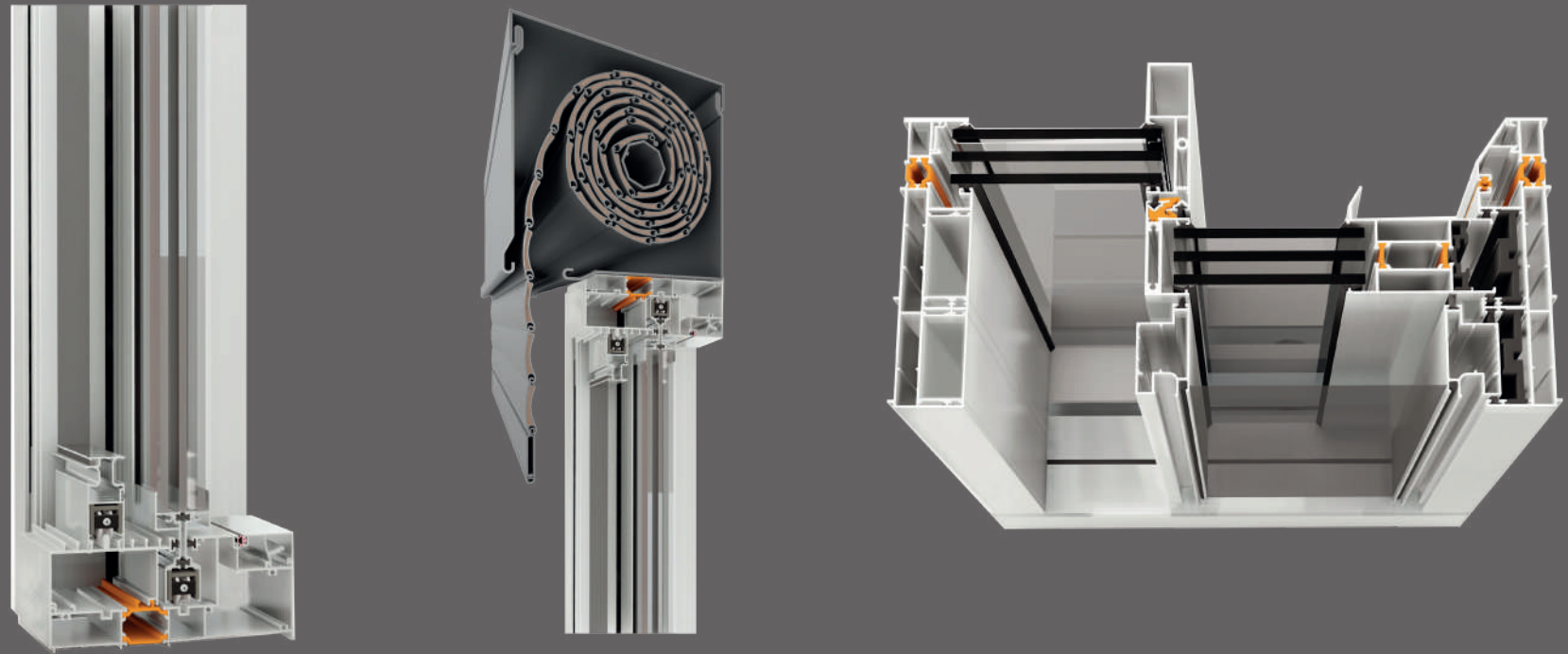
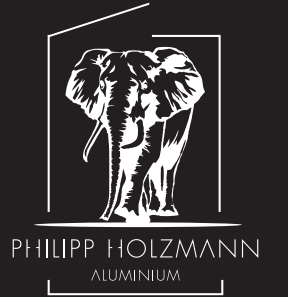




ST41T

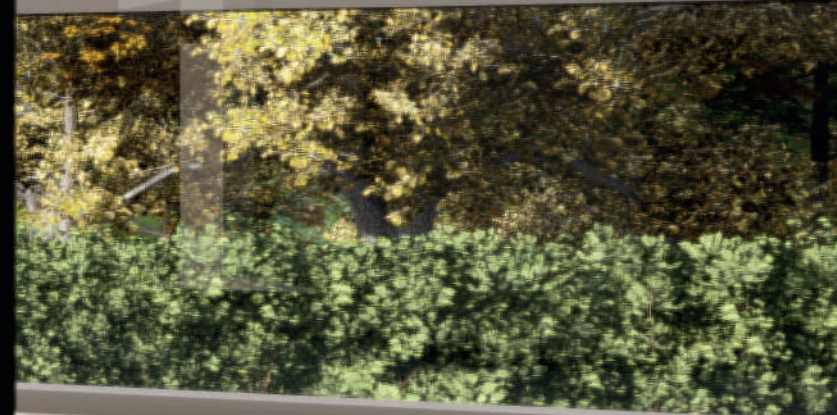
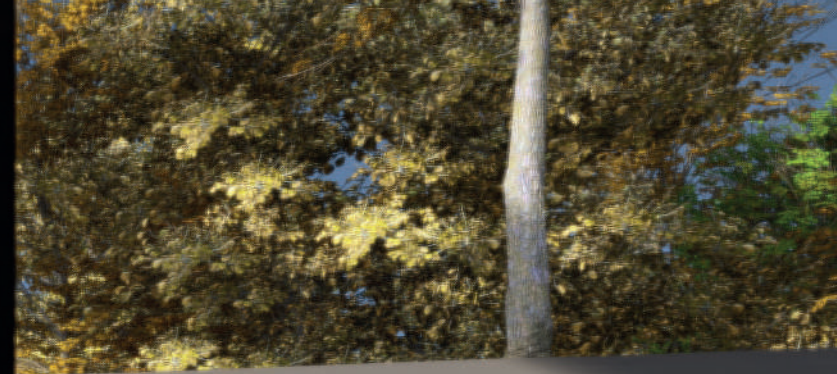
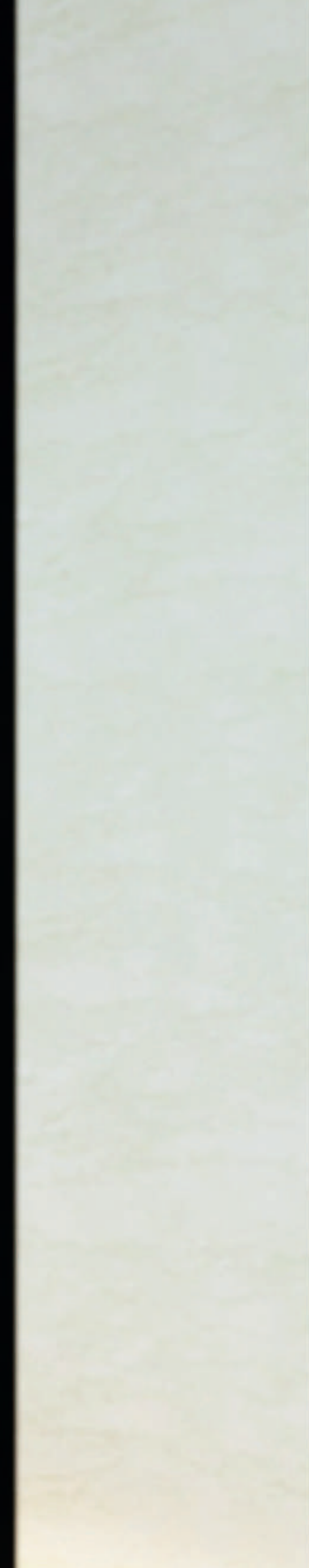
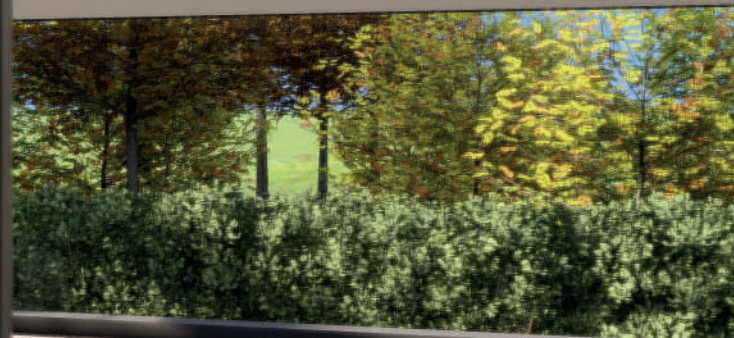
ST41T

Technical Specifications



ST41T



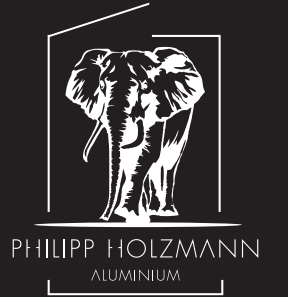




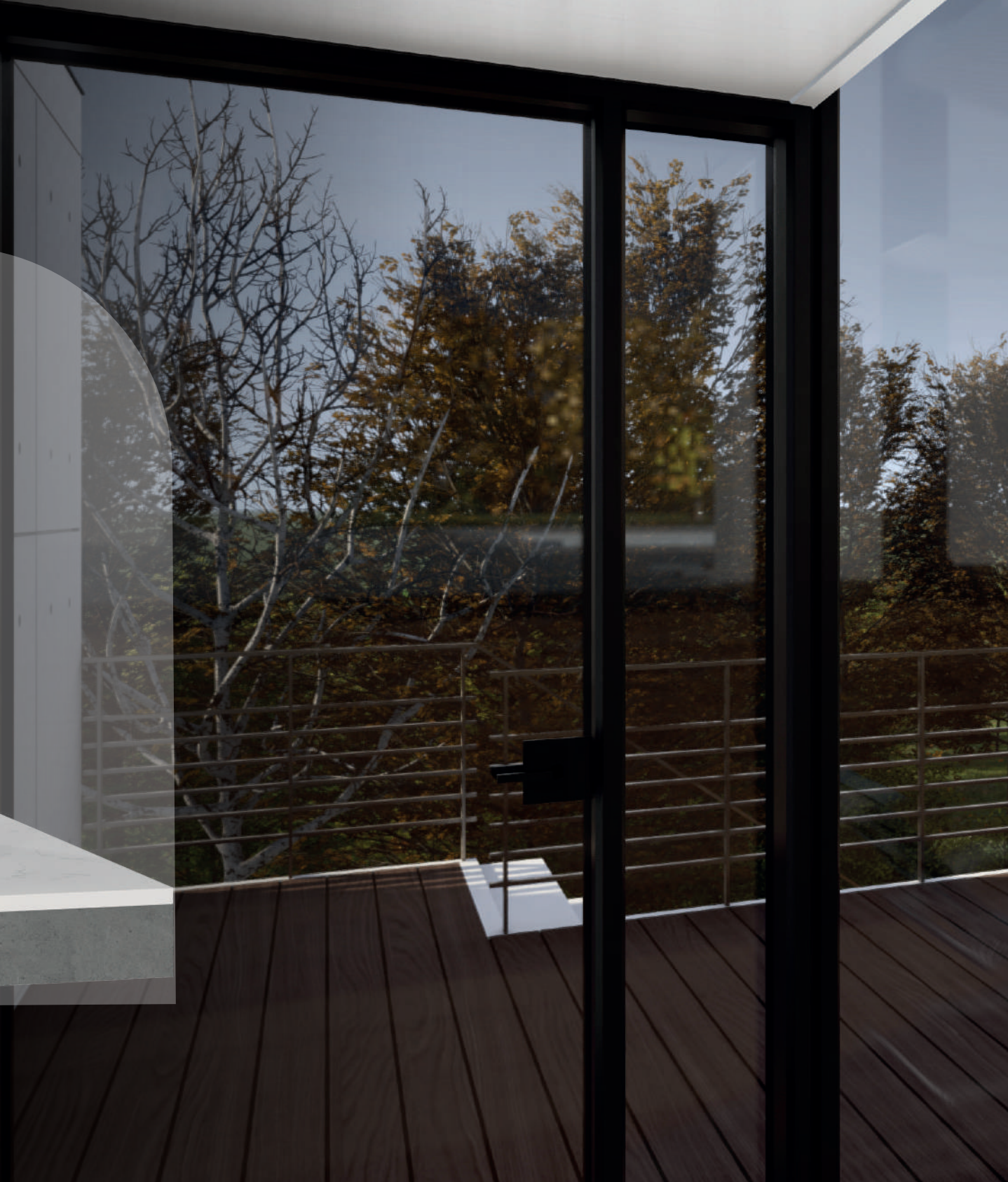
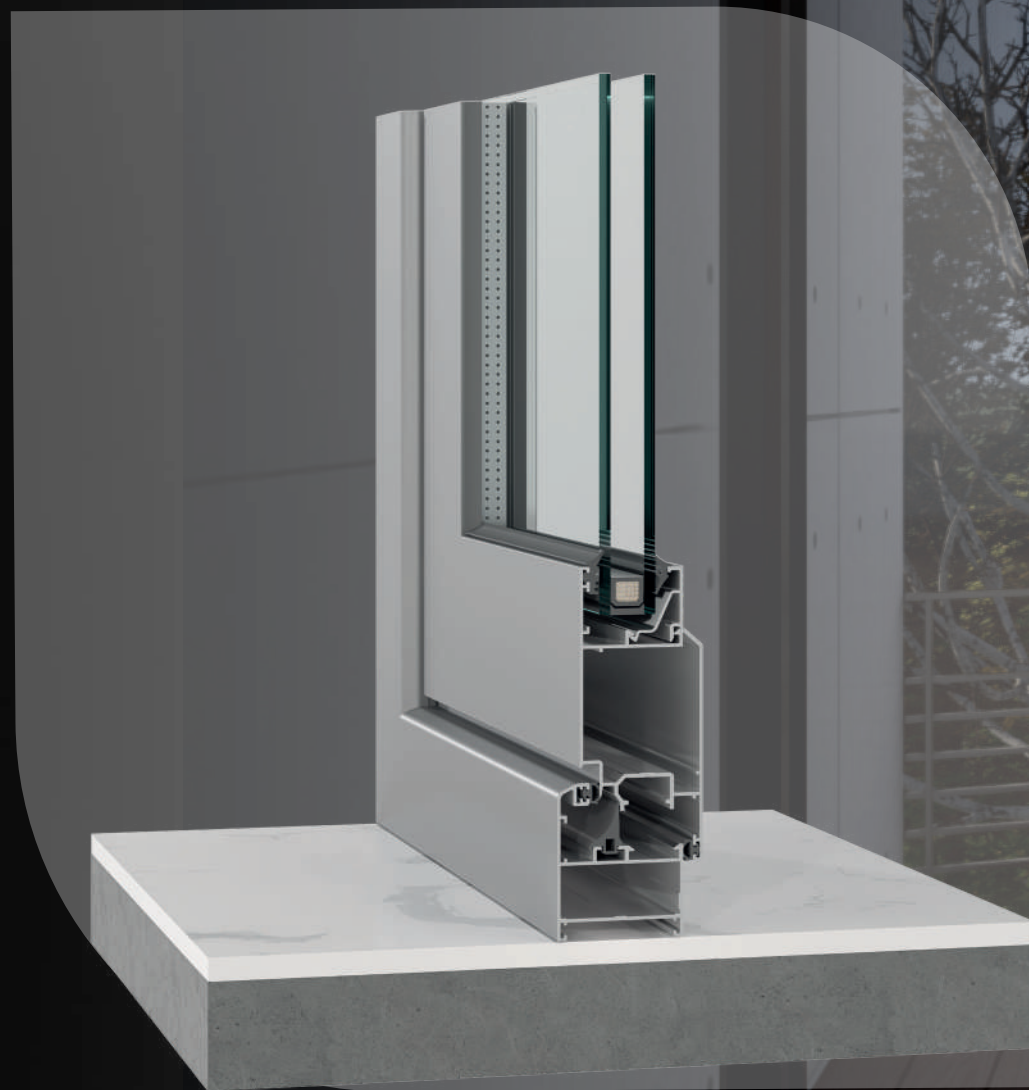
DOOR SYSTEMS

PH-42 C

Technical Specifications



PH-42 C

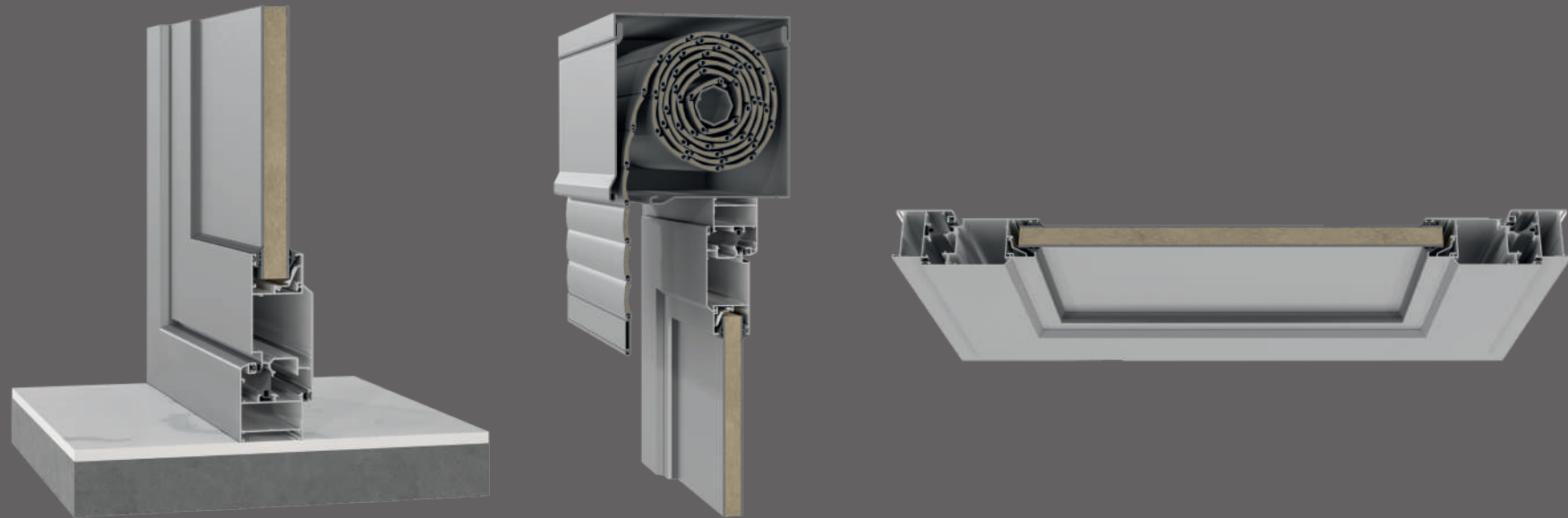
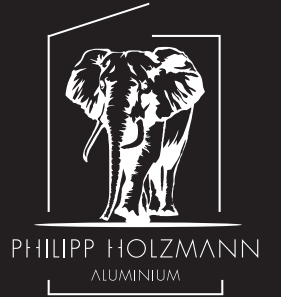




PANELED DOOR SYSTEM

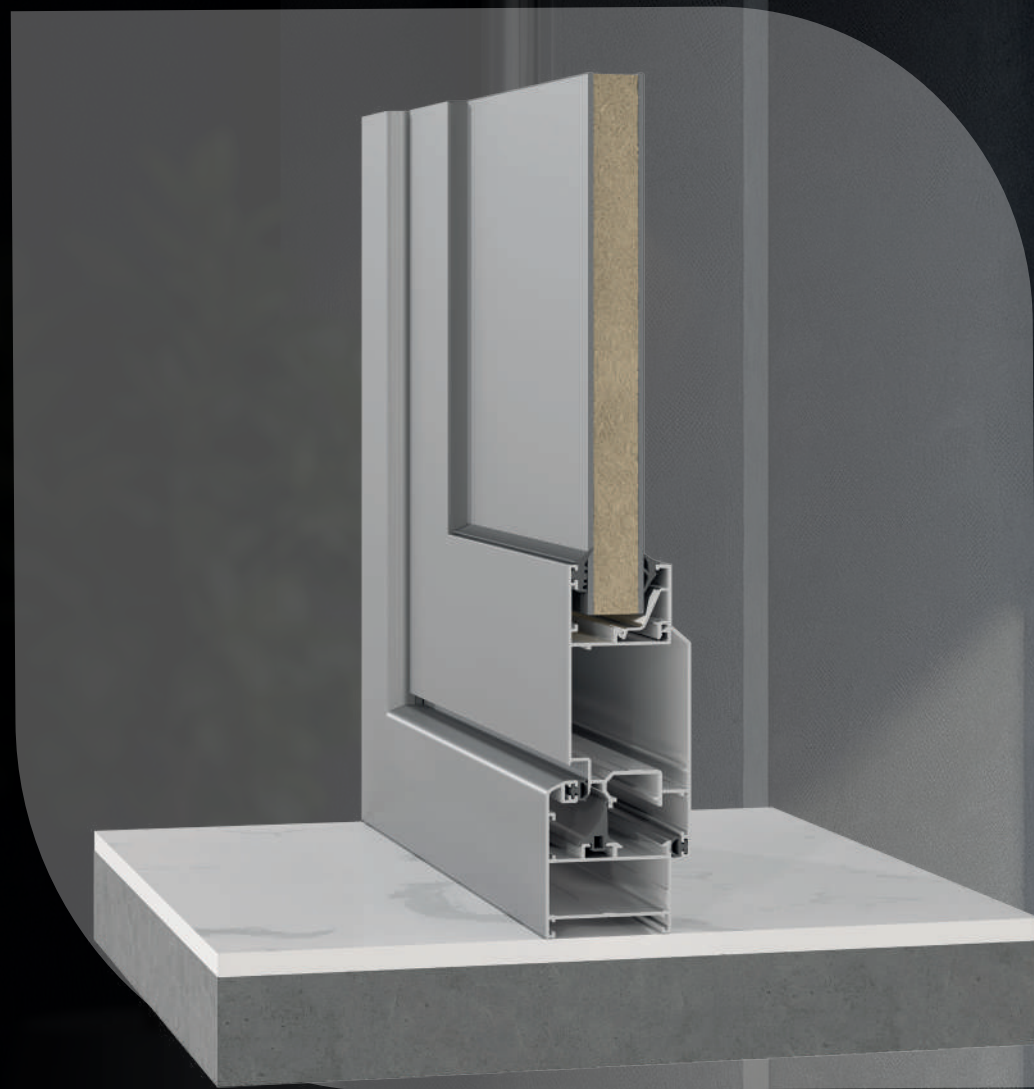
PH-42 C

Technical Specifications



MS

PH-42 C



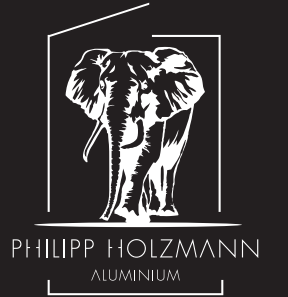




WINDOW SYSTEMS

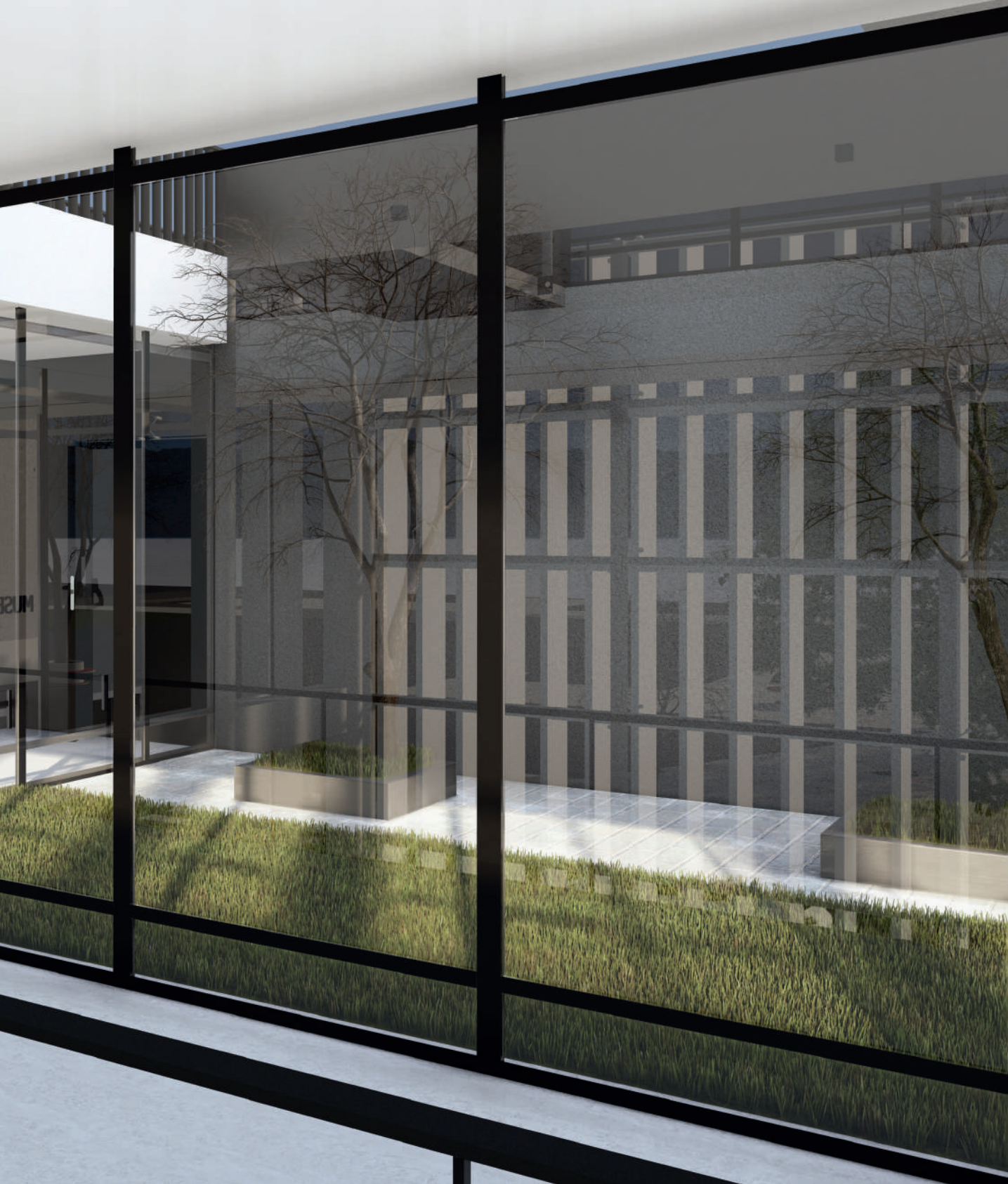
PH-42 C

Technical Specifications



PH-42 C





UNINSULATED SYSTEM

PH-55 C

Technical Specifications

Cabinet Depth: 55 mm

Leaf Depth: 63 mm

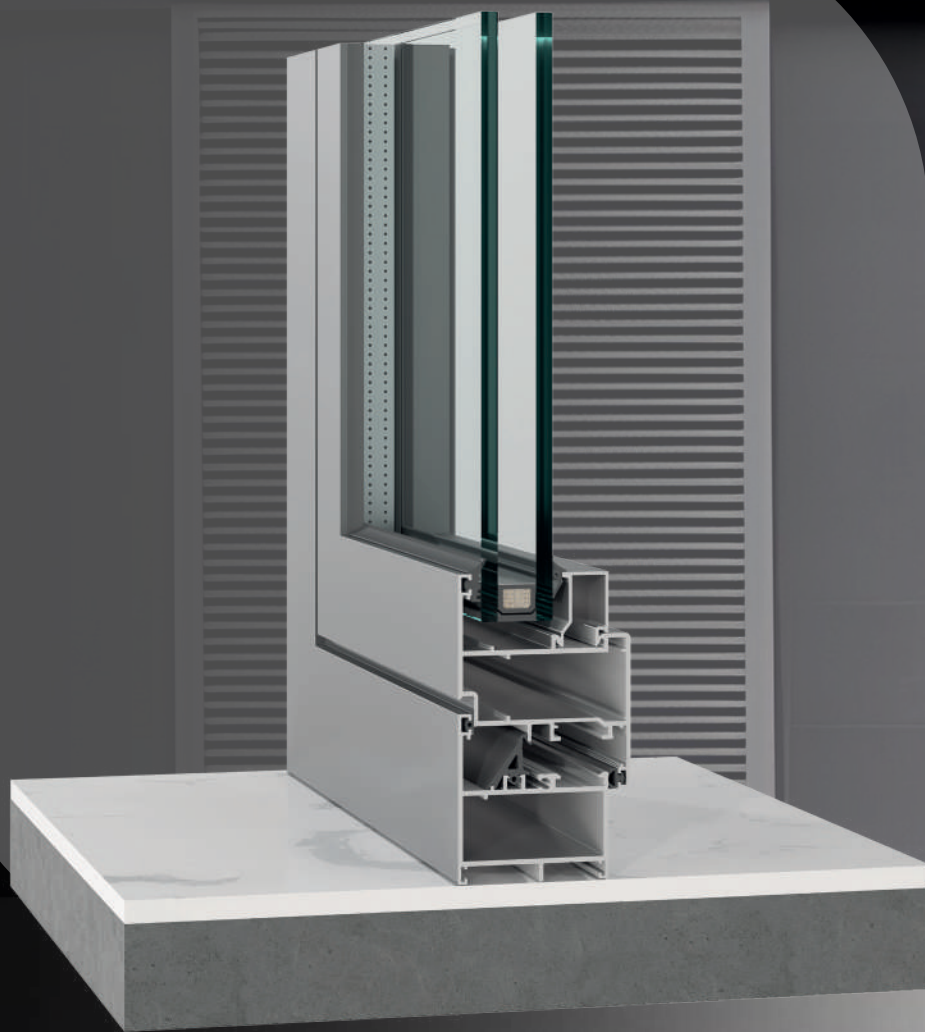
Glass Thickness: 4 – 40 mm

Accessory Selection: Euro-Norm Compatible Opening
Accessories



MS

PH-55 C







PH-62THV

Technical Specifications

Frame Width: 62 mm

Sash Depth: 65 mm

Insulation barrier: 18 mm

Glass thickness: 20 mm - 22 mm - 24 mm

Heat Permeability Coefficient UF: 1,24 W/m²K

Accessory Selection: Opening accessories suitable for Euro norm and PVC channel

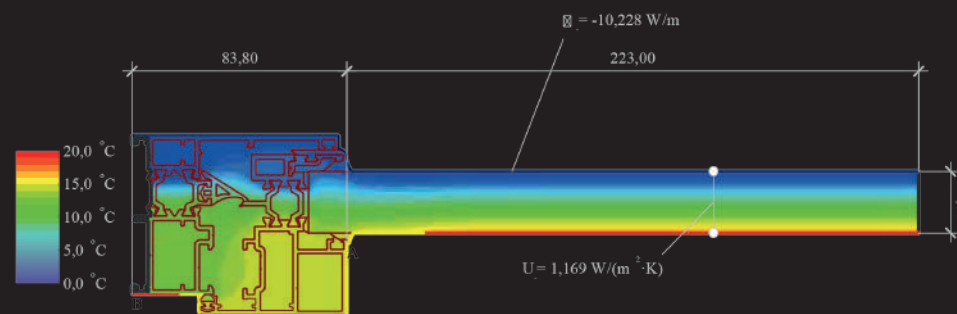


PHILIPP HOLZMANN
ALUMINIUM



Material	λ [W/(m K)]	ϵ
Aluminium (Si Alloys)	160,000	0,900
EPDM (ethylene propylene diene monomer)	0,2500	,900
Panel	0,035	0,900
PVC (polyvinylchloride), rigid	0,170	0,900
Slightly ventilated air cavity **		
Unventilated air cavity **		
** EN ISO 10077-2:2017, 6.4.3/anisotrop		

Boundary Condition	q [W/m ²]	θ [°C]	R [(m ² K)/W]	ϵ
Epsilon 0,9				0,900
Exterior, frame		0,000	0,040	
Interior, frame, normal	2	0,0000	,130	
Interior, frame, reduced	2	0,0000	,200	
Symmetry/Model section0	,000			



$$U_{TAB} = \frac{\frac{\phi}{\Delta T} - U_p \cdot b_p}{b_f} = \frac{\frac{10,228}{20,000} - 1,169 \cdot 0,223}{0,084} = 2,99 \text{ W/(m}^2 \cdot \text{K)}$$

PH-62 THV







DOOR SYSTEMS

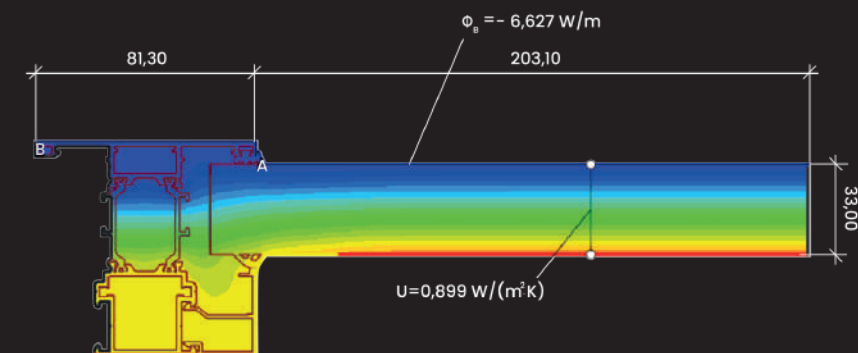
Technical Specifications

Frame Width: 78 mm
 Sash Depth: 85mm
 Insulation Barrier: 34mm
 Glass Thickness: 20mm - 62mm
 Heat Permeability Coefficient UF: 1,83 W/m²K
 Accessory Selection: Opening accessories suitable for Euro norm and PVC channel



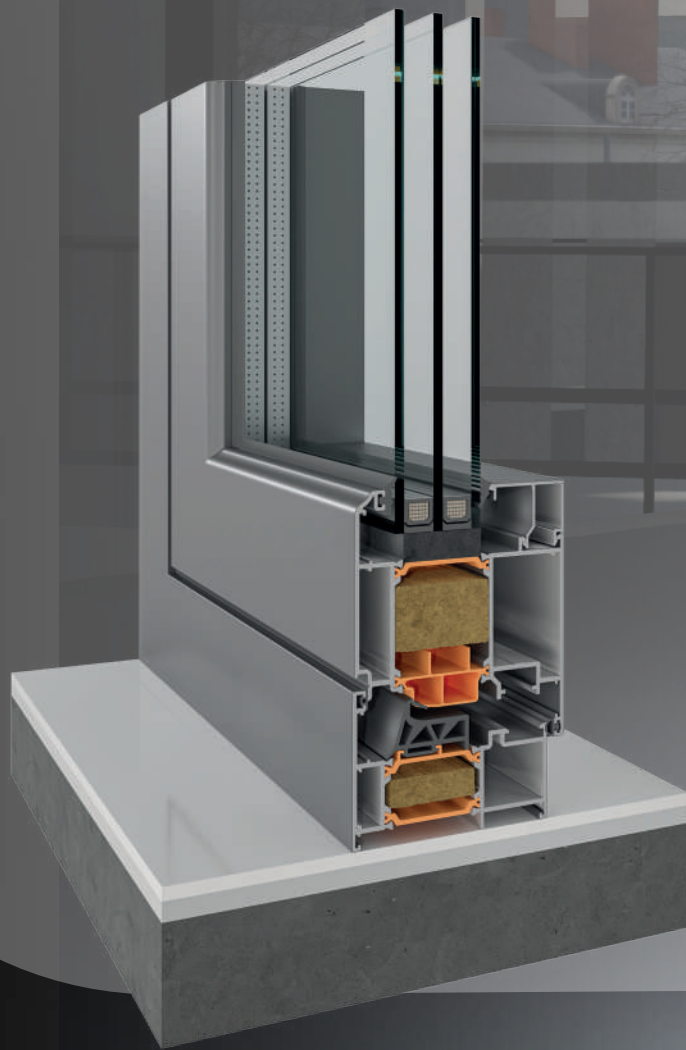
Material	λ [W/(m K)]	ϵ
Aluminium (Si Alloys)	160,000	0,900
EPDM (ethylene propylene diene monomer)	0,2500	,900
Panel	0,035	0,900
PVC (polyvinylchloride), rigid	0,170	0,900
Slightly ventilated air cavity **		
Unventilated air cavity **		
** EN ISO 10077-2:2017, 6.4.3/anisotrop		

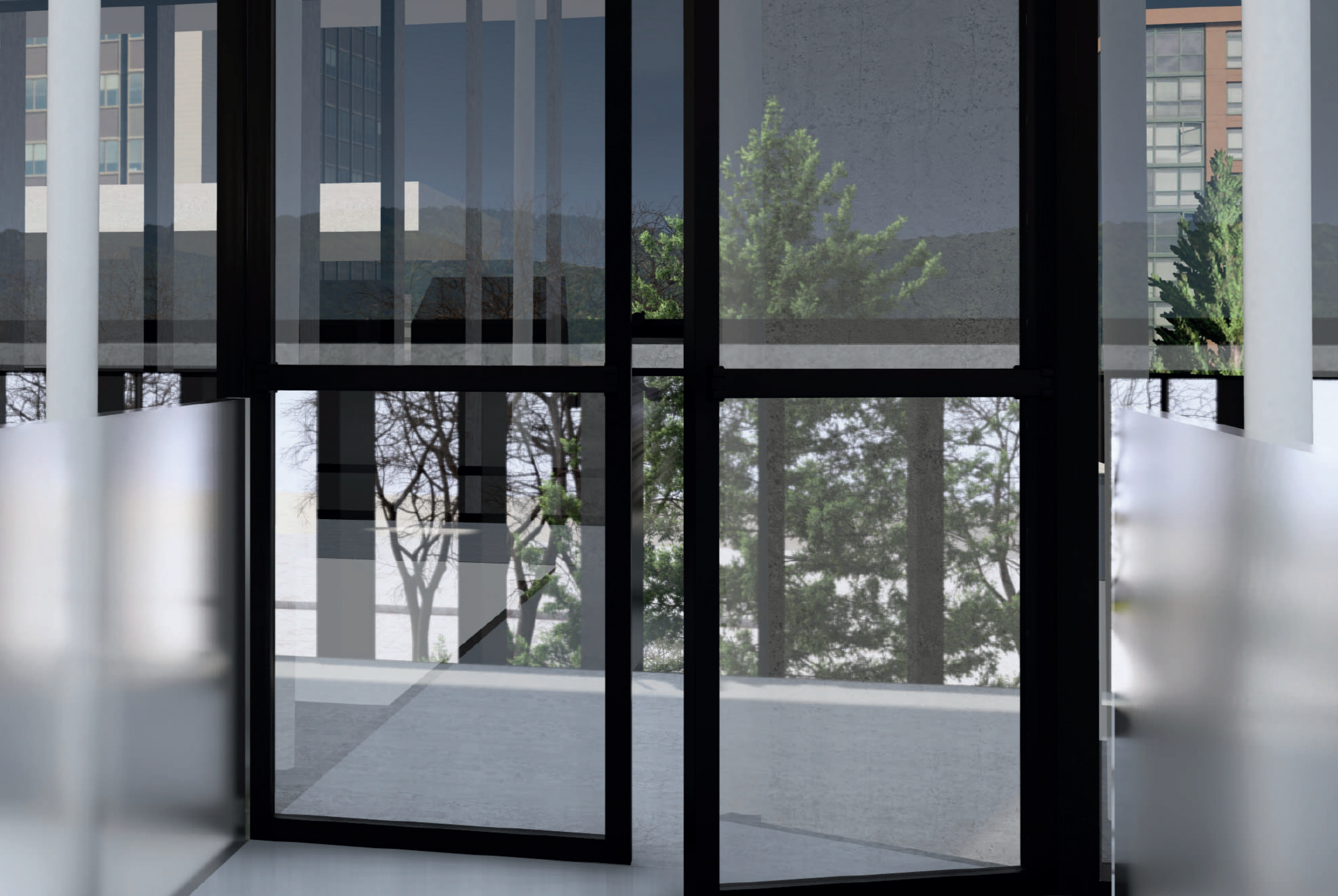
Boundary Condition	q [W/m²]	θ [°C]	R [(m² K)/W]	ϵ
Epsilon 0.9				0,900
Exterior, frame		0,000	0,040	
Interior, frame, normal	2	0,0000	,130	
Interior, frame, reduced	2	0,0000	,200	
Symmetry/Model section0		,000		



$$U_{1AB} = \frac{\frac{\Phi}{\Delta T} - U_p - b_p}{b_i} = \frac{\frac{6,627}{20,000} - 0,899 - 0,203}{0,081} = 1,83 \text{ W/(m}^2\text{K)}$$

PH-78 T

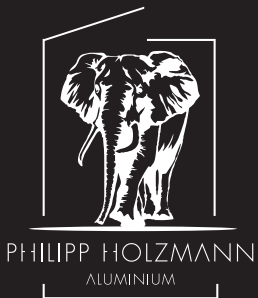




PH-55 T

Technical Specifications

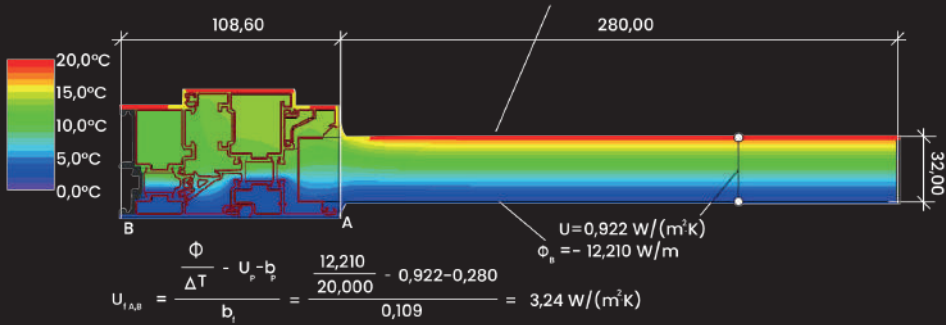
Frame Width: 55mm
Sash Depth: 63mm
Insulation Barrier: 14,8mm
Glass Thickness: 4 - 39 mm
Accessory Selection: Opening accessories suitable for Euro norm and PVC channel



SSSSSSSSSS

Material	λ [W/(m K)]	ϵ
Aluminium (Si Alloys)	160,000	0,900
EPDM (ethylene propylene diene monomer)	0,2500	,900
Panel	0,035	0,900
PVC (polyvinylchloride), rigid	0,170	0,900
Slightly ventilated air cavity **		
Unventilated air cavity **		
** EN ISO 10077-2:2017, 6.4.3/anisotrop		

Boundary Condition	q [W/m ²]	θ [°C]	R [(m ² K)/W]	ϵ
Epsilon 0.9				0,900
Exterior, frame		0,000	0,040	
Interior, frame, normal	2	0,0000	,130	
Interior, frame, reduced	2	0,0000	,200	
Symmetry/Model section0	,000			



PH-55 T



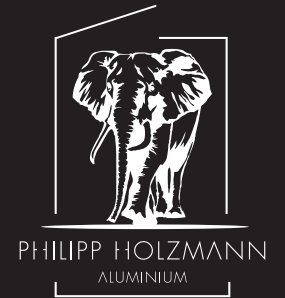




DRAINAGE SYSTEMS

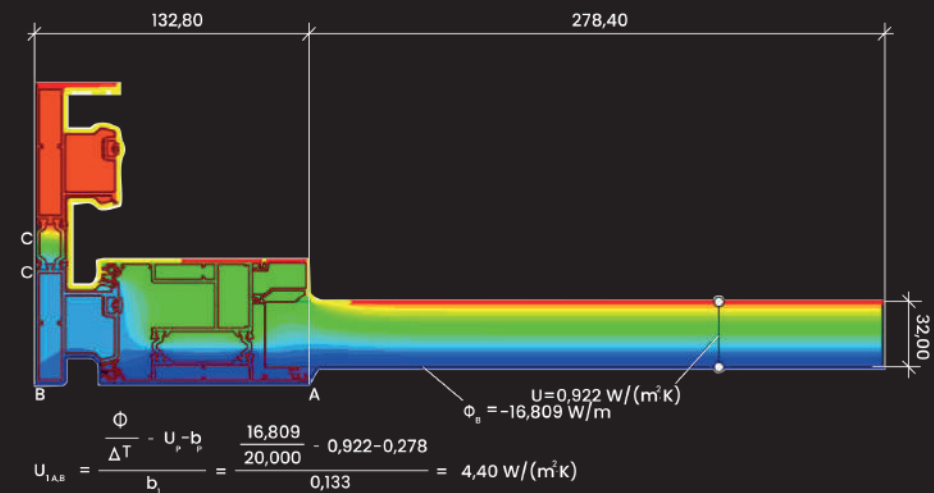
Technical Specifications

Frame Width: 136mm - 145mm - 221mm
 Sash Depth: 60mm
 Insulation Barrier: Safe 24mm - Wing 14,8mm
 Glass Thickness: 10mm - 46mm
 Sash Carrying Capacity: 300kg - 400kg
 Max. Sash Width: 720mm - 3235mm
 Max. Sash Height: 1200mm - 2700mm

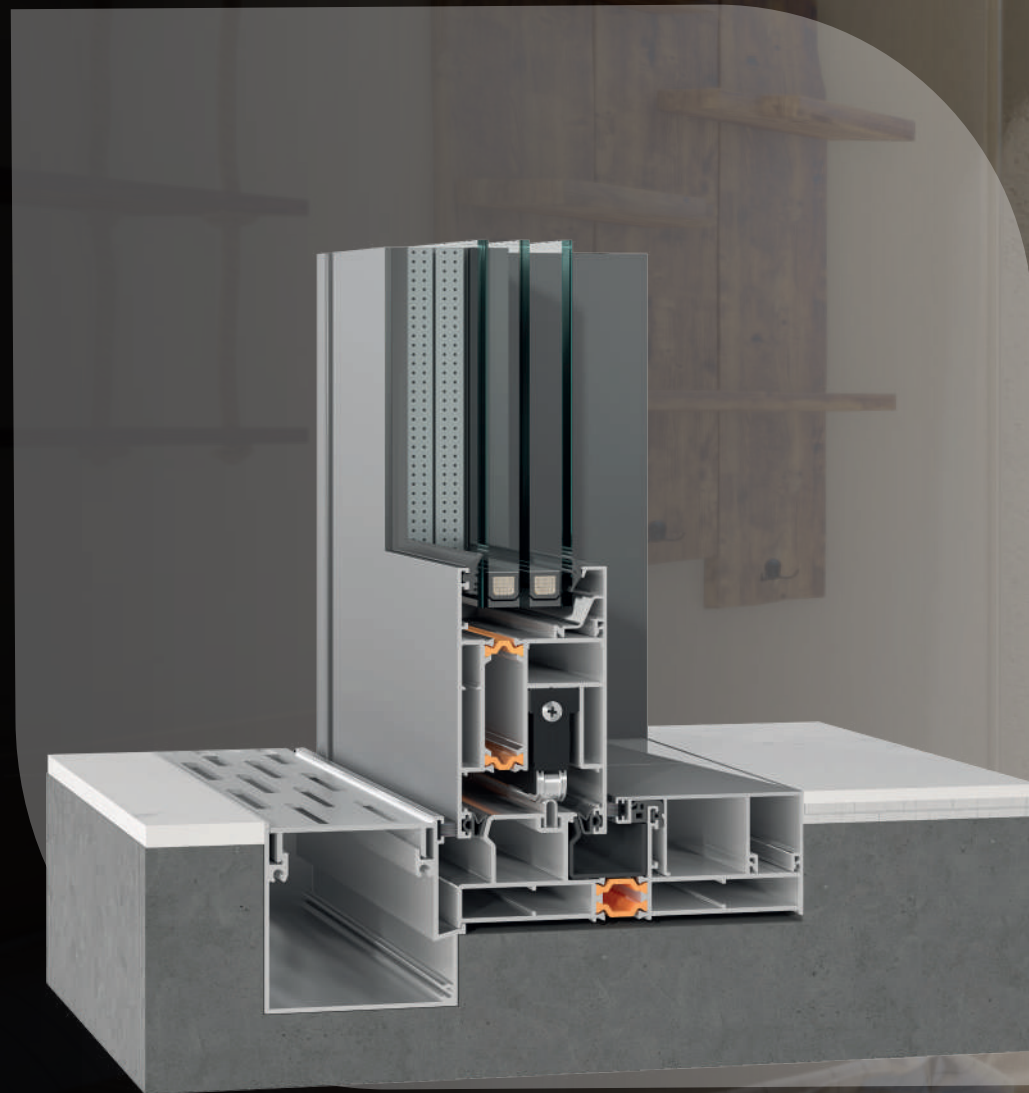


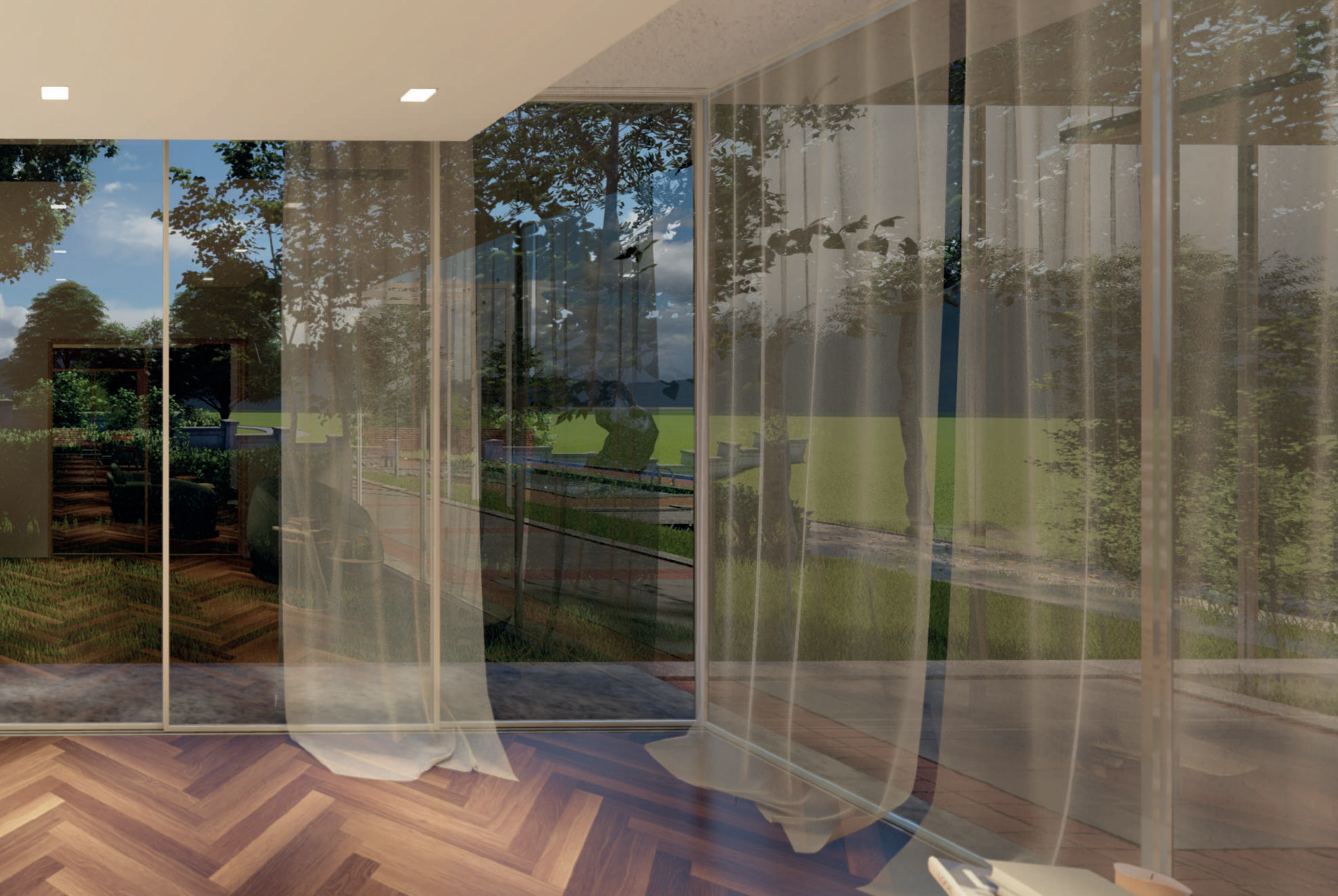
Material	λ [W/(m K)]	ϵ
Aluminium (Si Alloys)	160,000	0,900
EPDM (ethylene propylene diene monomer)	0,2500	,900
Panel	0,035	0,900
PVC (polyvinylchloride), rigid	0,170	0,900
Slightly ventilated air cavity **		
Unventilated air cavity **		
** EN ISO 10077-2:2017, 6.4.3/anisotrop		

Boundary Condition	q [W/m ²]	θ [°C]	R [(m ² K)/W]	ϵ
Epsilon 0.9				0,900
Exterior, frame		0,000	0,040	
Interior, frame, normal	2	0,0000	,130	
Interior, frame, reduced	2	0,0000	,200	
Symmetry/Model section0		,000		



PH-60 T





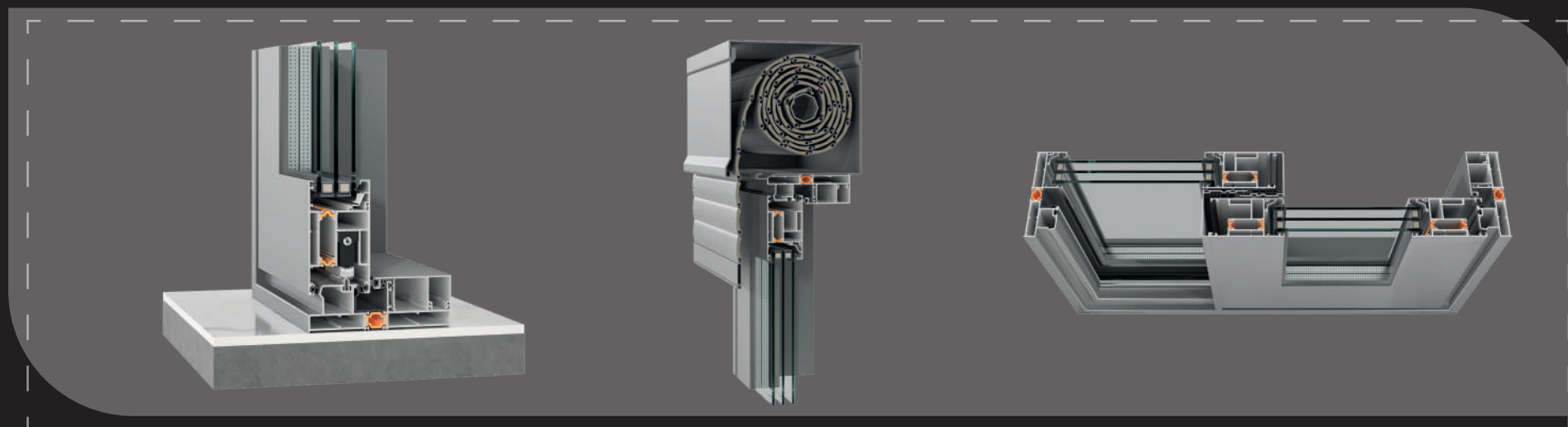
NON-DRAINAGE SYSTEM

Technical Specifications

Frame Width: 136mm - 145mm - 221mm
 Sash Depth: 60mm
 Insulation Barrier: Safe 24mm - Wing 14,8mm
 Glass Thickness: 10mm - 46mm
 Sash Carrying Capacity: 300kg - 400kg
 Max. Sash Width: 720mm - 3235mm
 Max. Sash Height: 1200mm - 2700mm

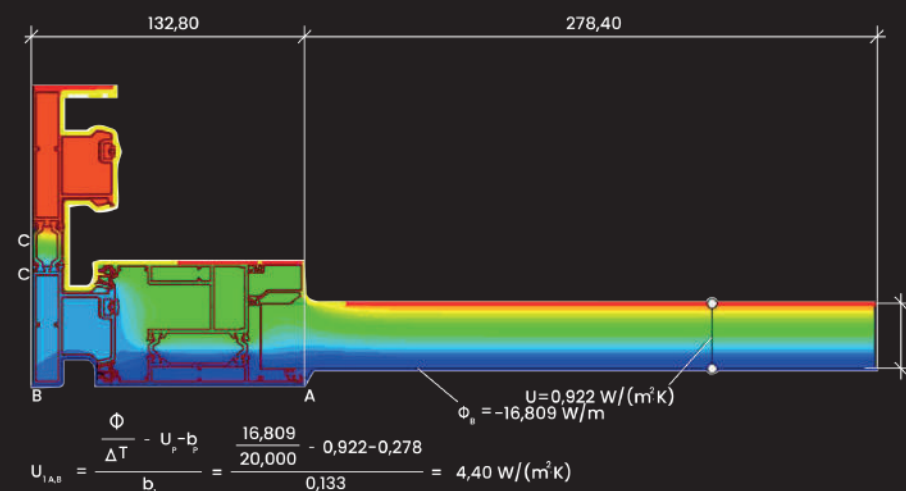


PHILIPP HOLZMANN
ALUMINIUM

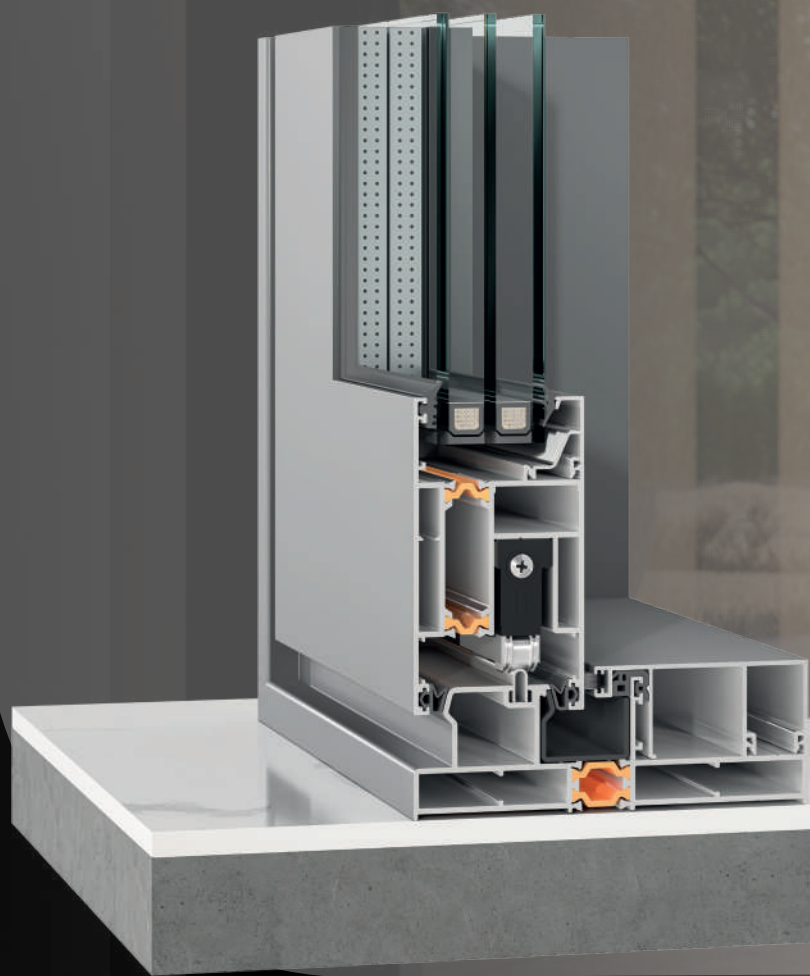


Material	λ [W/(m K)]	ϵ
Aluminium (Si Alloys)	160,000	0,900
EPDM (ethylene propylene diene monomer)	0,2500	,900
Panel	0,035	0,900
PVC (polyvinylchloride), rigid	0,170	0,900
Slightly ventilated air cavity **		
Unventilated air cavity **		
** EN ISO 10077-2:2017, 6.4.3/anisotrop		

Boundary Condition	q [W/m ²]	θ [°C]	R [(m ² K)/W]	ϵ
Epsilon 0.9				0,900
Exterior, frame		0,000		0,040
Interior, frame, normal	2	0,0000		,130
Interior, frame, reduced	2	0,0000		,200
Symmetry/Model section0	,000			



PH-60 T

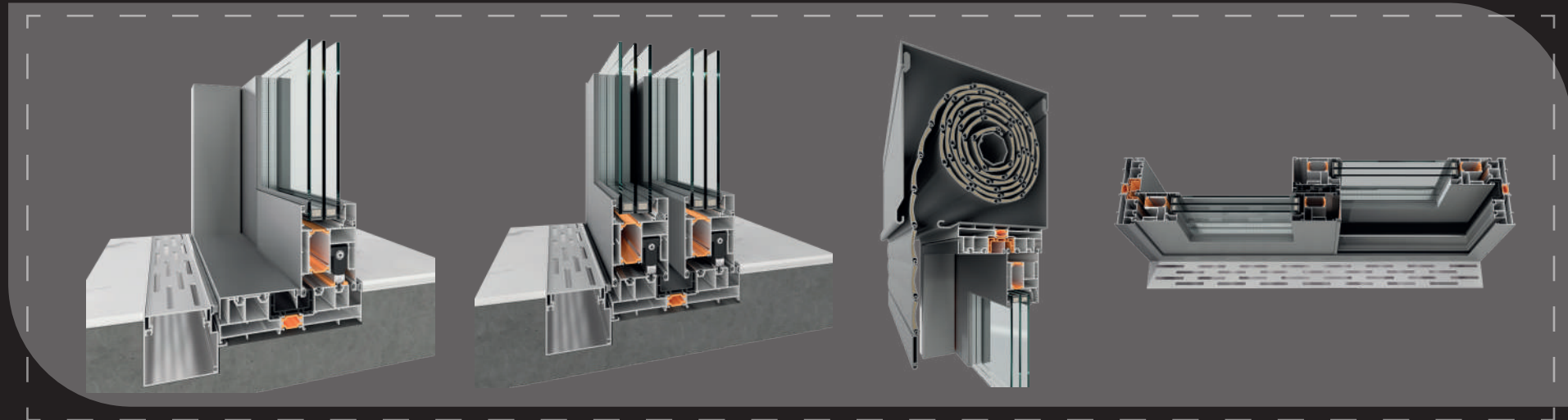
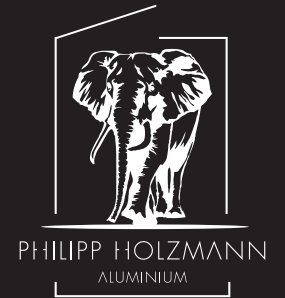




DRAINAGE SYSTEMS

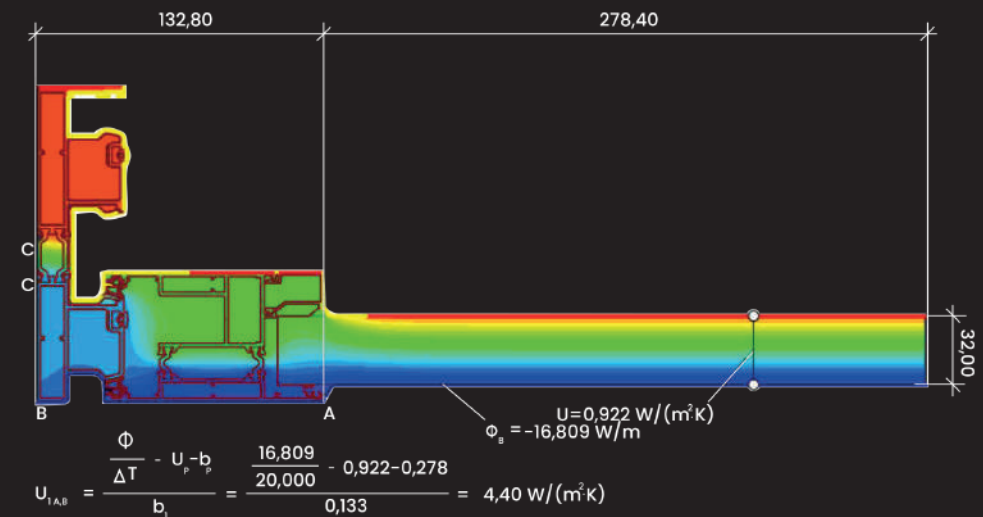
Technical Specifications

Frame Width: 159 mm – 167 mm – 257 mm
Sash Depth: 69 mm
Insulation Barrier: Safe 24 mm
Glass Thickness: 18 mm – 52 mm
Sash Carrying Capacity: 300 kg – 400 kg
Max. Sash Width: 720 mm – 3235 mm
Max. Sash Height: 1200 mm – 2700 mm

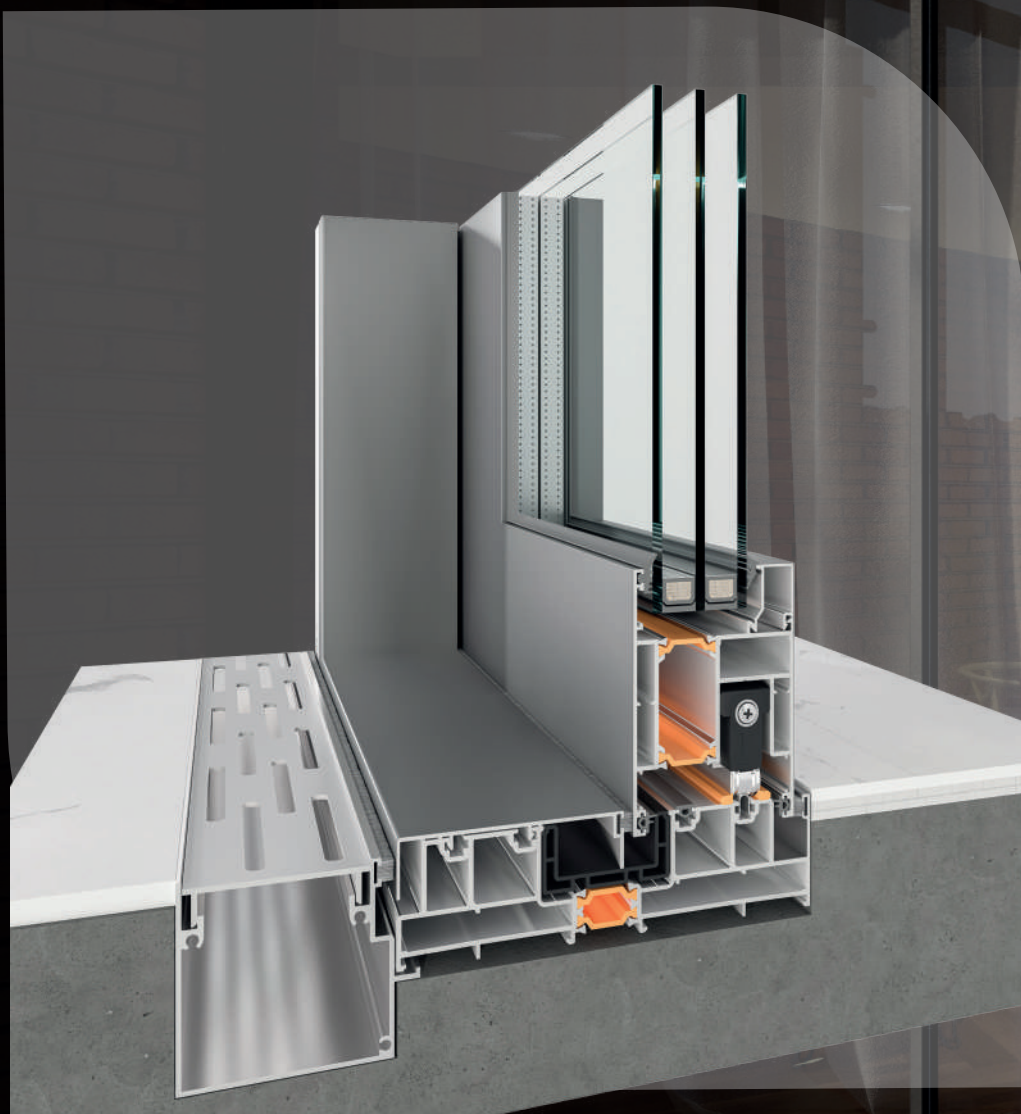


Material	λ [W/(m K)]	ϵ
Aluminium (Si Alloys)	160,000	0,900
EPDM (ethylene propylene diene monomer)	0,2500	,900
Panel	0,035	0,900
PVC (polyvinylchloride), rigid	0,170	0,900
Slightly ventilated air cavity **		
Unventilated air cavity **		
** EN ISO 10077-2:2017, 6.4.3/anisotrop		

Boundary Condition	q [W/m ²]	θ [°C]	R [(m ² K)/W]	ϵ
Epsilon 0.9				0,900
Exterior, frame		0,000	0,040	
Interior, frame, normal	2	0,0000	,130	
Interior, frame, reduced	2	0,0000	,200	
Symmetry/Model section0	,000			



PH-70 T



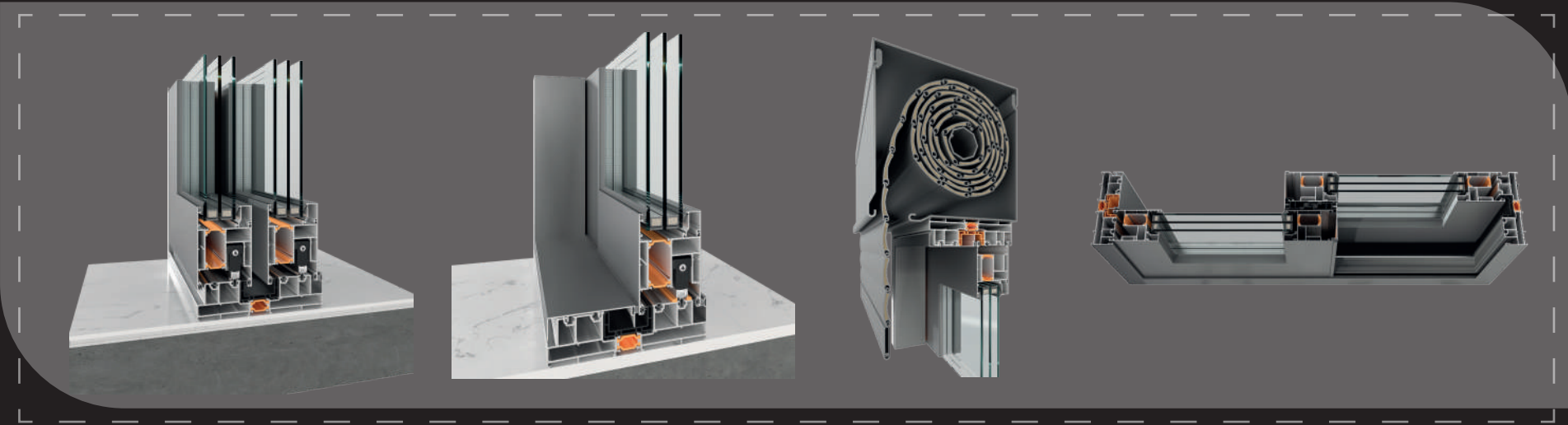
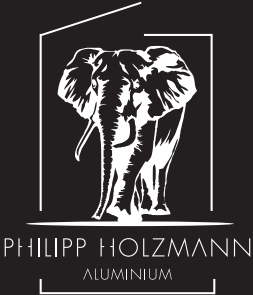




NON-DRAINAGE SYSTEM

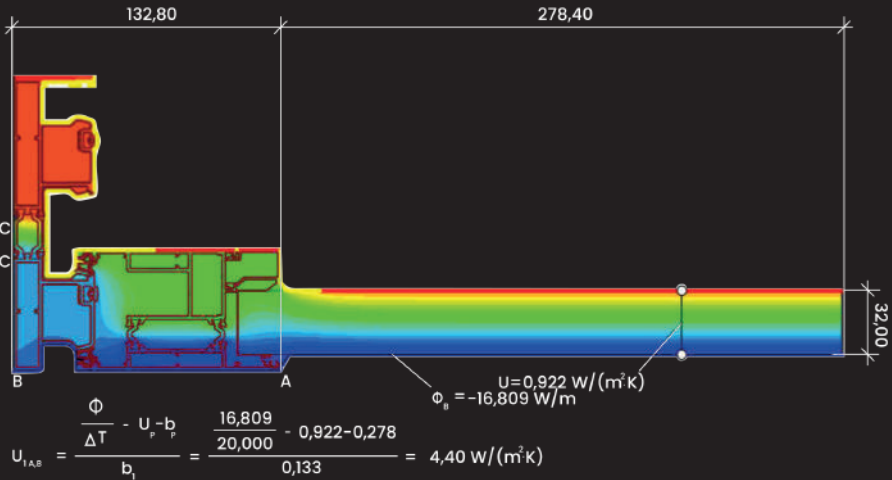
Technical Specifications

Frame Width: 159 mm – 167 mm – 257 mm
Sash Depth: 69 mm
Insulation Barrier: Safe 24 mm
Glass Thickness: 18 mm – 52 mm
Sash Carrying Capacity: 300 kg – 400 kg
Max. Sash Width: 720 mm – 3235 mm
Max. Sash Height: 1200 mm – 2700 mm

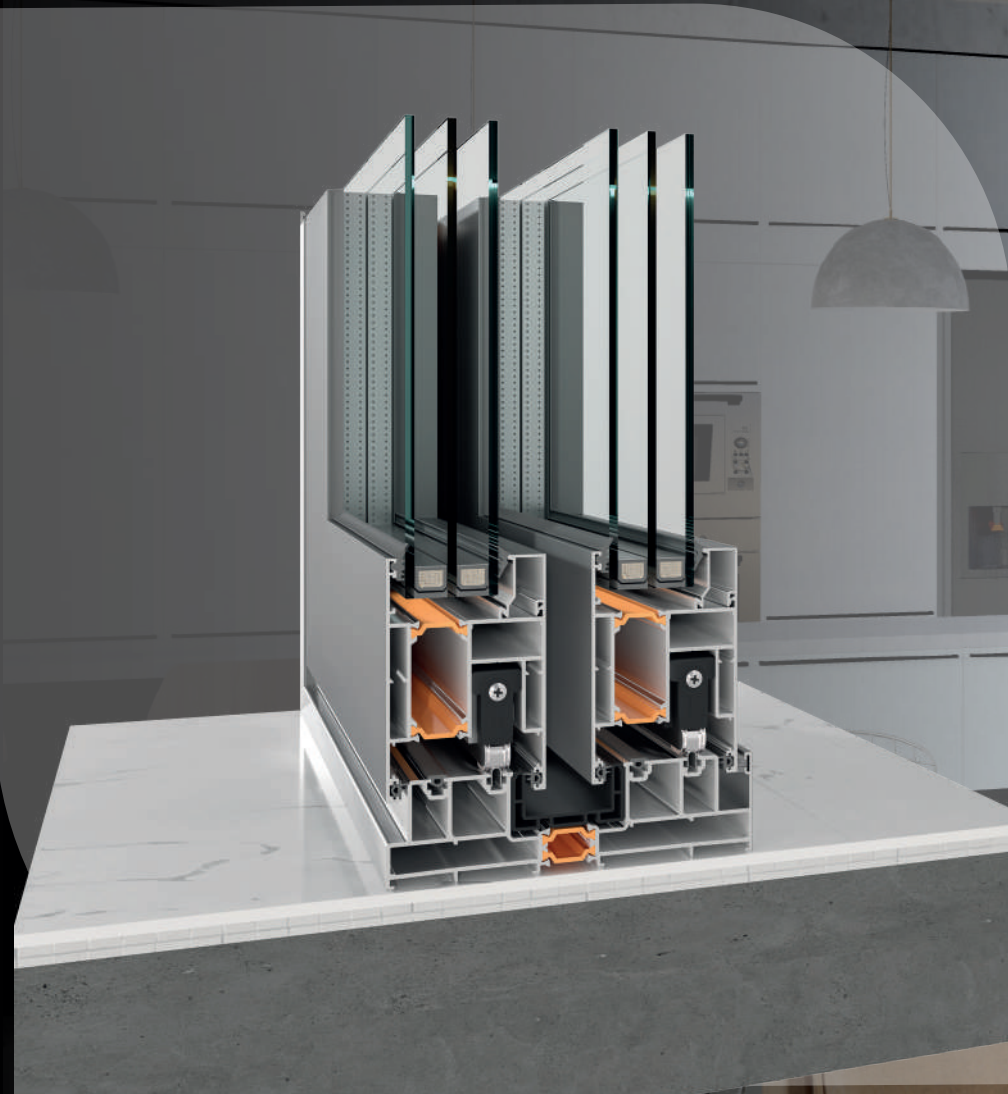


Material	λ [W/(m K)]	ϵ
Aluminium (Si Alloys)	160,000	0,900
EPDM (ethylene propylene diene monomer)	0,2500	,900
Panel	0,035	0,900
PVC (polyvinylchloride), rigid	0,170	0,900
Slightly ventilated air cavity **		
Unventilated air cavity **		
** EN ISO 10077-2:2017, 6.4.3/anisotrop		

Boundary Condition	q [W/m ²]	θ [°C]	R [(m ² K)/W]	ϵ
Epsilon 0.9				0,900
Exterior, frame		0,000	0,040	
Interior, frame, normal	2	0,0000	,130	
Interior, frame, reduced	2	0,0000	,200	
Symmetry/Model section0		,000		



PH-70 T

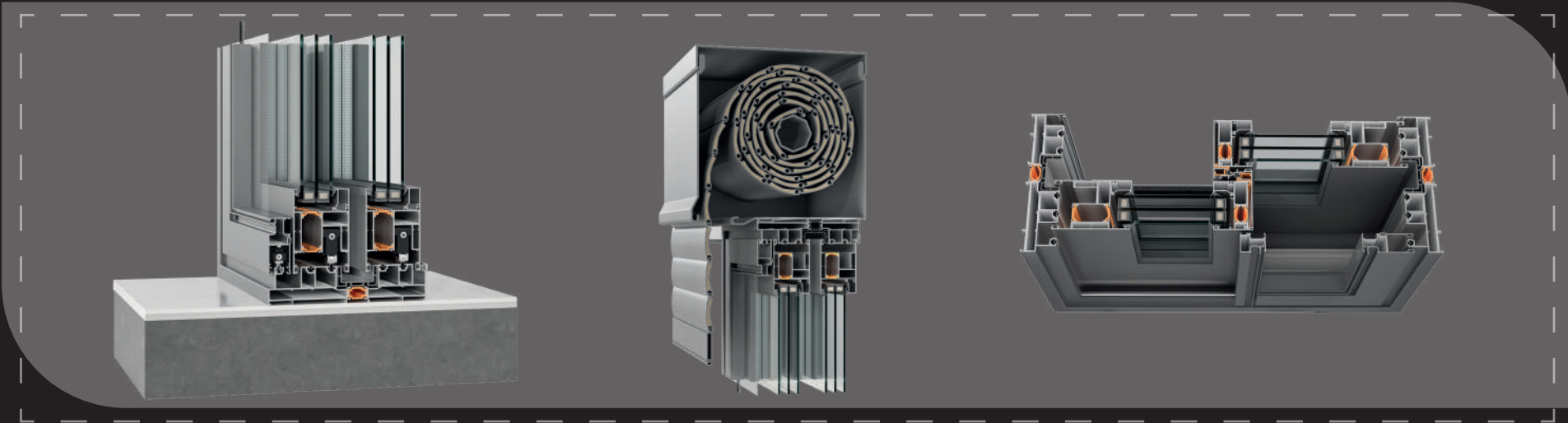
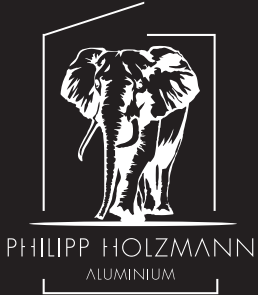




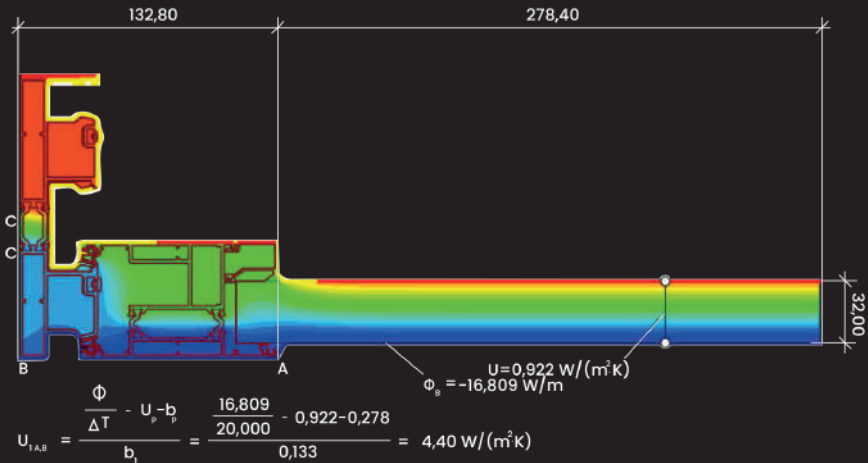


Technical Specifications

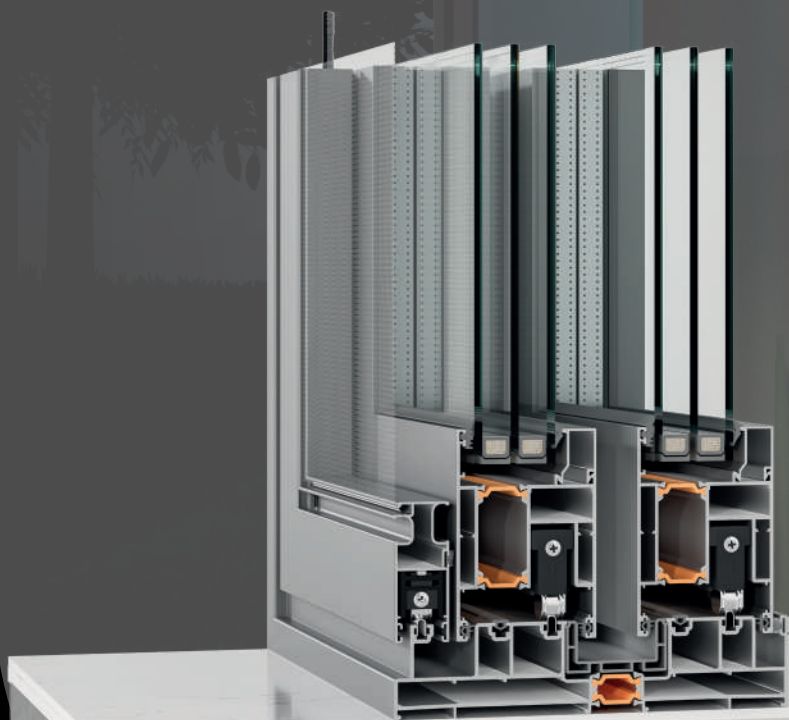
Frame Width: 159 mm – 167 mm – 257 mm
Sash Depth: 69 mm
Insulation Barrier: Safe 24 mm
Glass Thickness: 18 mm – 52 mm
Sash Carrying Capacity: 300 kg – 400 kg
Max. Sash Width: 720 mm – 3235 mm
Max. Sash Height: 1200 mm – 2700 mm



Material	λ [W/(m K)]	ϵ		
Aluminium (Si Alloys)	160,000	0,900		
EPDM (ethylene propylene diene monomer)	0,2500	,900		
Panel	0,035	0,900		
PVC (polyvinylchloride), rigid	0,170	0,900		
Slightly ventilated air cavity **				
Unventilated air cavity **				
** EN ISO 10077-2:2017, 6.4.3/anisotrop				
Boundary Condition	q [W/m ²]	θ [°C]	R [(m ² K)/W]	ϵ
Epsilon 0.9				0,900
Exterior, frame	0,000		0,040	
Interior, frame, normal	2	0,0000	,130	
Interior, frame, reduced	2	0,0000	,200	
Symmetry/Model section0	,000			



PH-70 T





FLY-SCREEN DRAINAGE SYSTEM

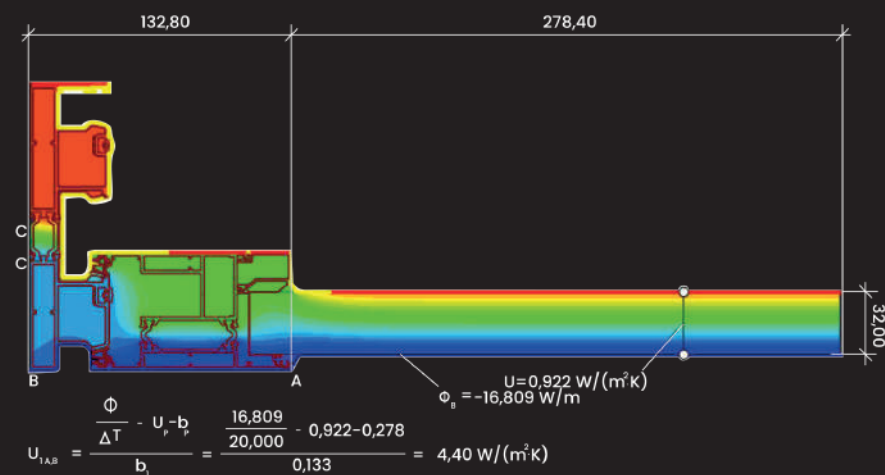


Frame Width: 159 mm – 167 mm – 257 mm
Sash Depth: 69 mm
Insulation Barrier: Safe 24 mm
Glass Thickness: 18 mm – 52 mm
Sash Carrying Capacity: 300 kg – 400 kg
Max. Sash Width: 720 mm – 3235 mm
Max. Sash Height: 1200 mm – 2700 mm

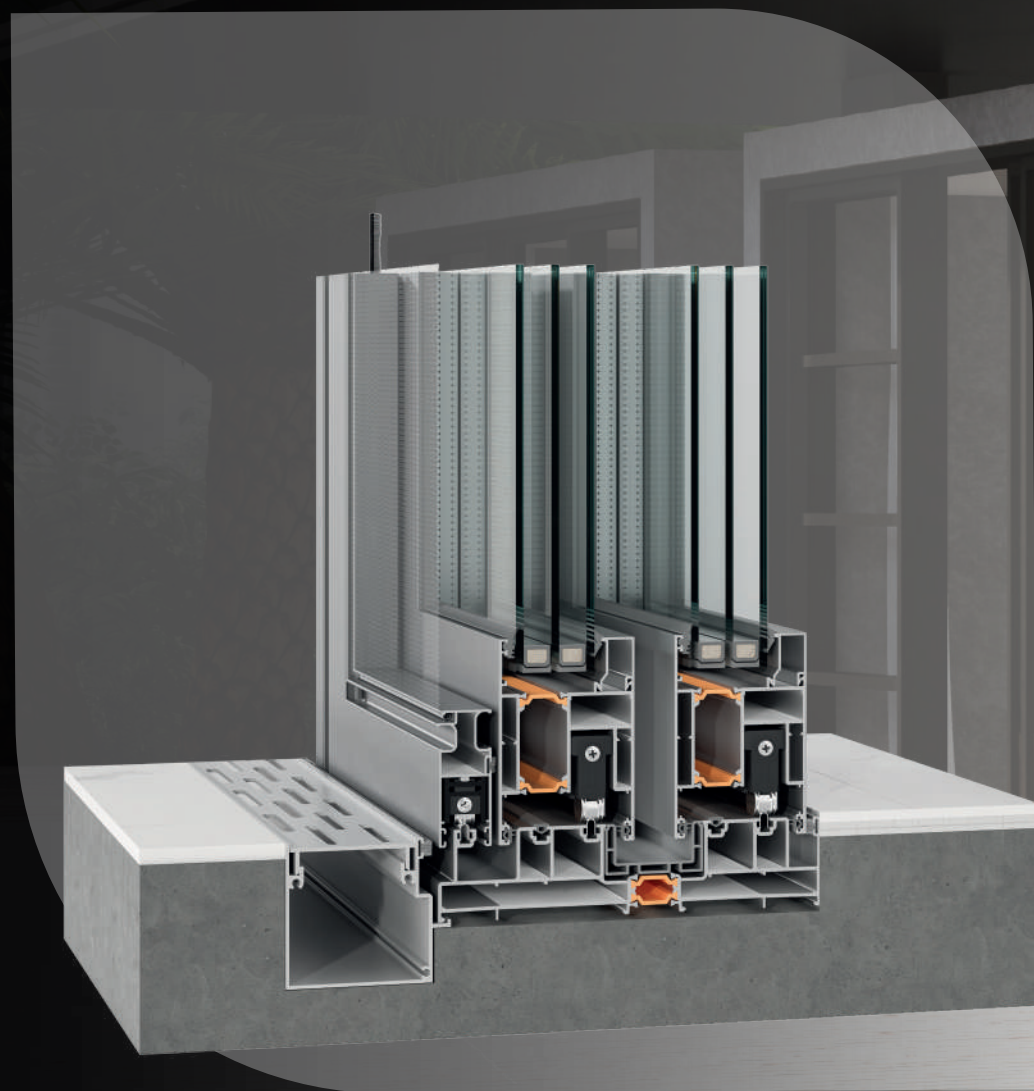


Material	λ [W/(m K)]	ϵ
Aluminium (Si Alloys)	160,000	0,900
EPDM (ethylene propylene diene monomer)	0,2500	,900
Panel	0,035	0,900
PVC (polyvinylchloride), rigid	0,170	0,900
Slightly ventilated air cavity **		
Unventilated air cavity **		
** EN ISO 10077-2:2017, 6.4.3/anisotrop		

Boundary Condition	q [W/m ²]	θ [°C]	R [(m ² K)/W]	ϵ
Epsilon 0.9				0,900
Exterior, frame	0,000		0,040	
Interior, frame, normal	2 0,0000		,130	
Interior, frame, reduced	2 0,0000		,200	
Symmetry/Model section0	,000			



PH-70 T





PH-34T

Technical Specifications

Frame Width: 79mm - 87mm - 132mm

Sash Depth: 34mm

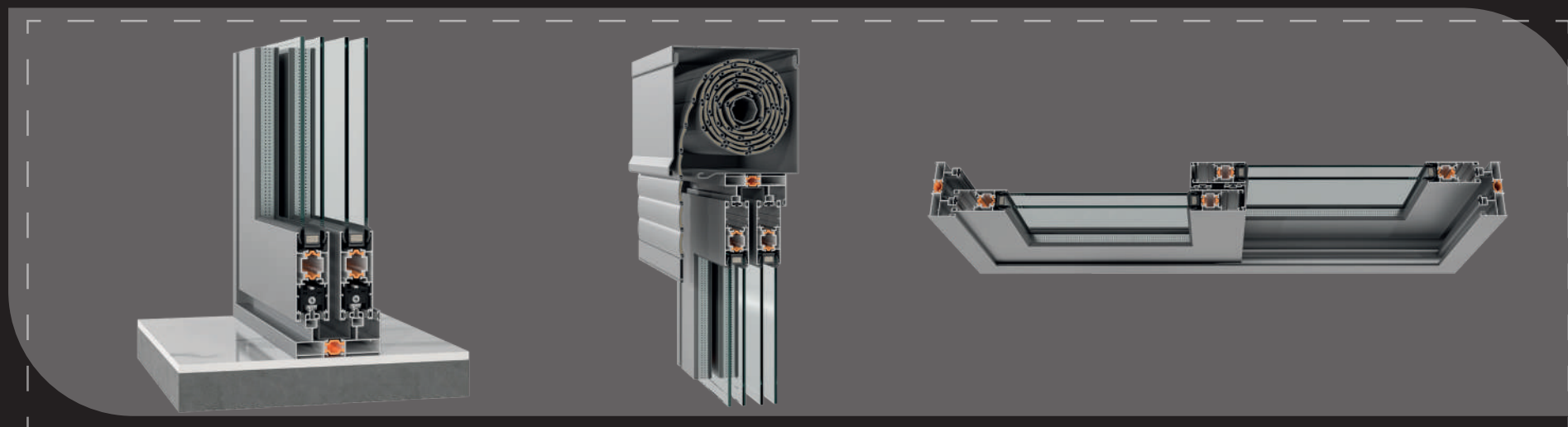
Insulation Barrier: Frame - 20 mm, Sash - 14,8 mm

Glass Thickness: 20mm - 22mm - 24mm

Sash Carrying Capacity: 160 kg

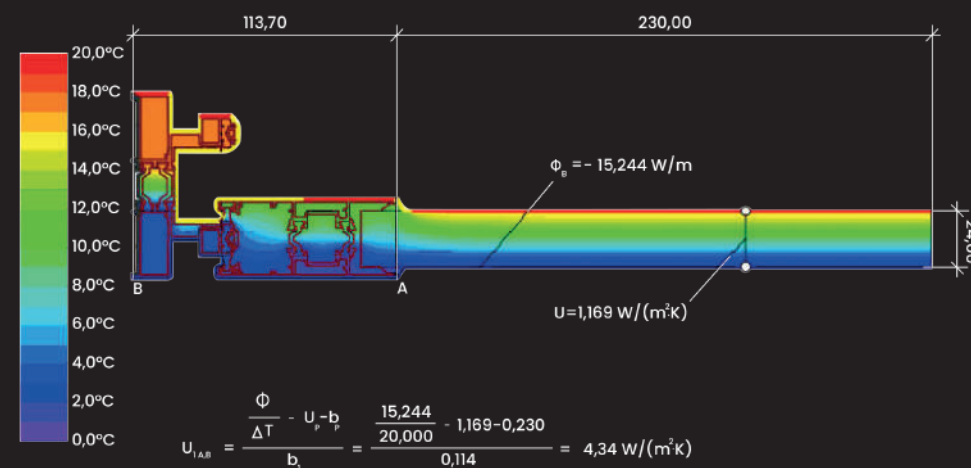


PHILIPP HOLZMANN
ALUMINIUM



Material	λ [W/(m K)]	ϵ
Aluminium (Si Alloys)	160,000	0,900
EPDM (ethylene propylene diene monomer)	0,2500	,900
Panel	0,035	0,900
PVC (polyvinylchloride), rigid	0,170	0,900
Slightly ventilated air cavity **		
Unventilated air cavity **		
** EN ISO 10077-2:2017, 6.4.3/anisotrop		

Boundary Condition	q [W/m ²]	θ [°C]	R [(m ² K)/W]	ϵ
Epsilon 0.9				0,900
Exterior, frame		0,000	0,040	
Interior, frame, normal	2	0,0000	,130	
Interior, frame, reduced	2	0,0000	,200	
Symmetry/Model section0		,000		



PH-34 T



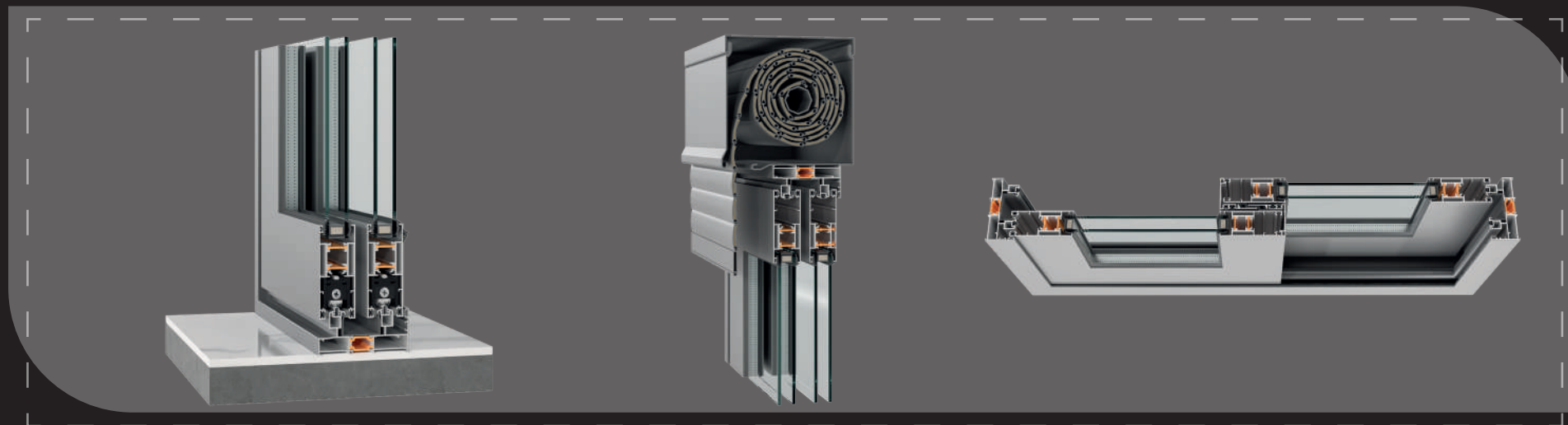




PH-38 T

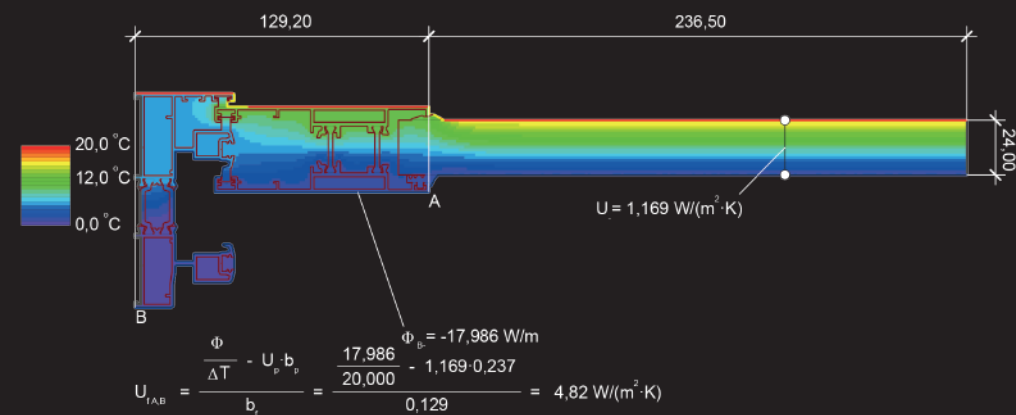
Technical Specifications

Frame Width: 94mm - 107mm - 144mm
 Sash Depth: 38mm - Beadless and Beaded Glass
 Insulation Barrier: Frame, 24mm - Sash, 20mm
 Glass Thickness: 18mm - 20mm - 22mm - 24mm
 Sash Carrying Capacity: 160 kg

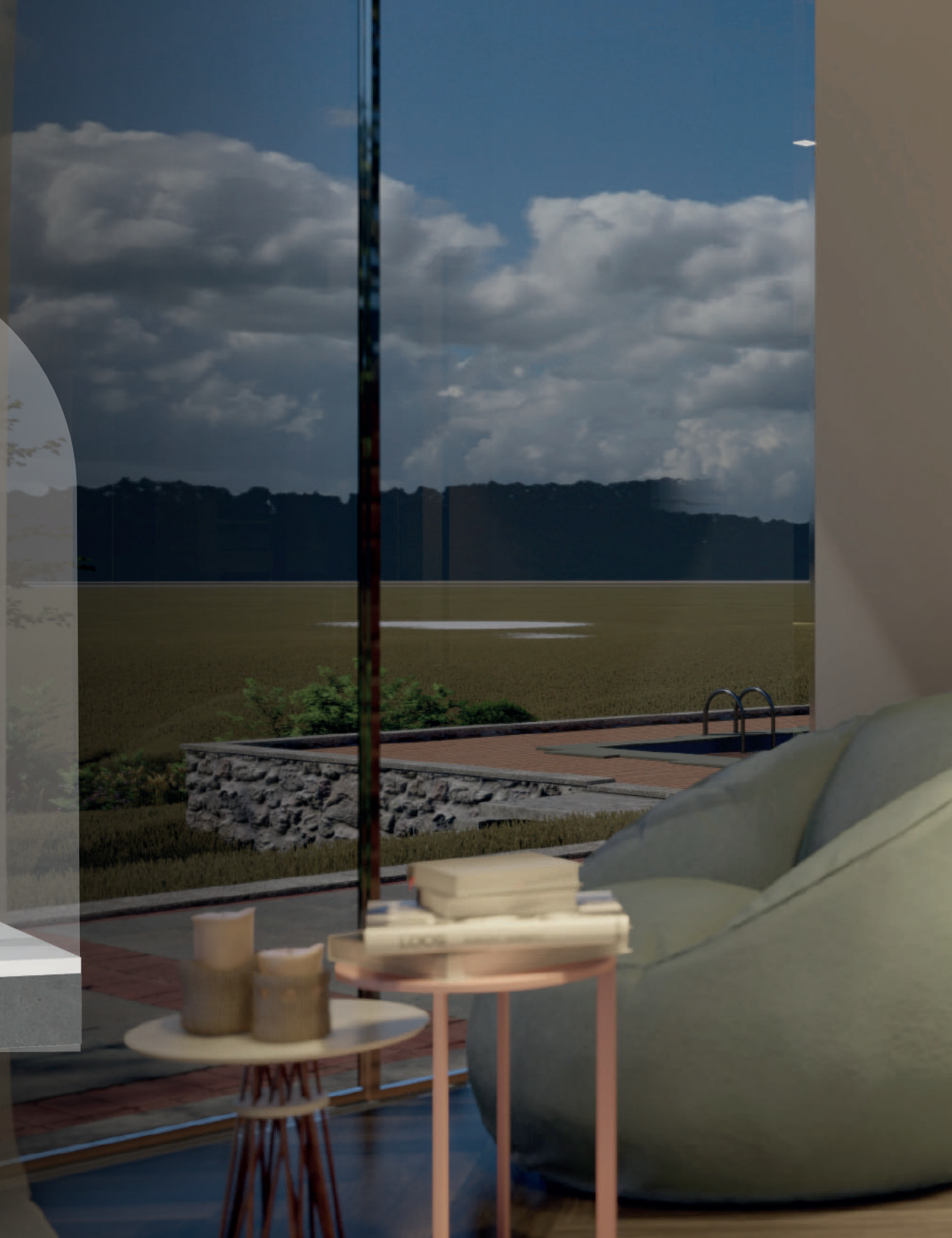


Material	λ [W/(m · K)]	ϵ
Aluminium (Si Alloys)	160,000	0,900
EPDM (ethylene propylene diene monomer)	0,2500	,900
Panel	0,035	0,900
PVC (polyvinylchloride), rigid	0,170	0,900
Slightly ventilated air cavity **		
Unventilated air cavity **		
** EN ISO 10077-2:2017, 6.4.3/anisotrop		

Boundary Condition	q [W/m ²]	θ [°C]	R [(m ² K)/W]	ϵ
Epsilon 0.9				0,900
Exterior, frame		0,000	0,040	
Interior, frame, normal	2	0,0000	,130	
Interior, frame, reduced	2	0,0000	,200	
Symmetry/Model section0	,000			



PH-38 T





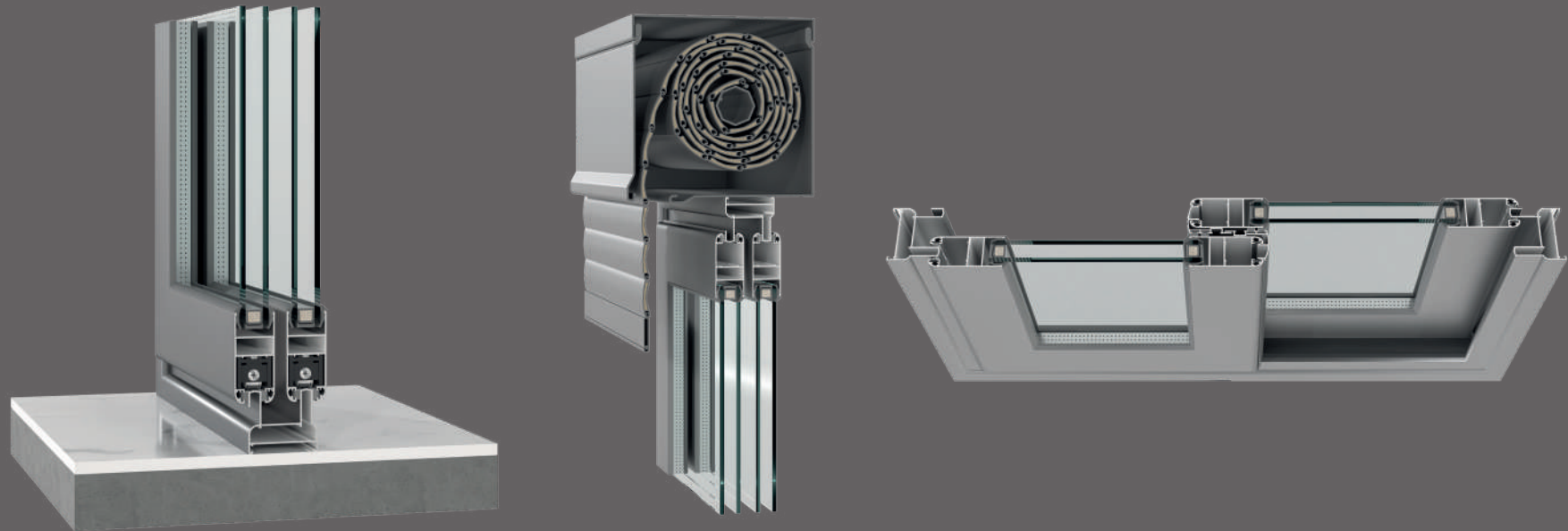
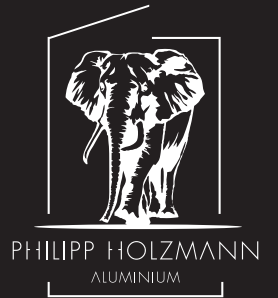


DOUBLE-GLAZED SYSTEM

PH-28 C

Technical Specifications

Frame Width: 45mm - 76mm - 81mm - 95mm
Sash Depth: 28mm - Glass without Mullion
Glass Thickness: 4 - 22mm
Sash Carrying Capacity: 120 kg



PH-28 C







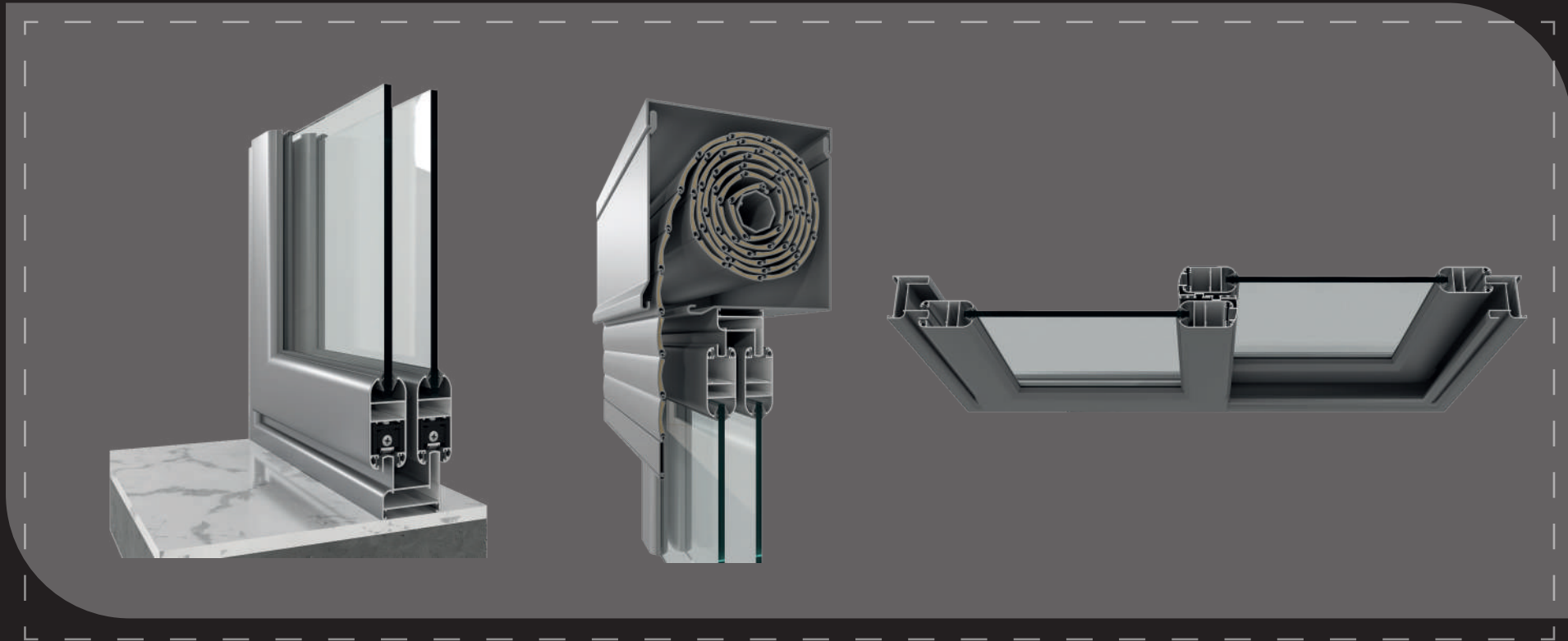
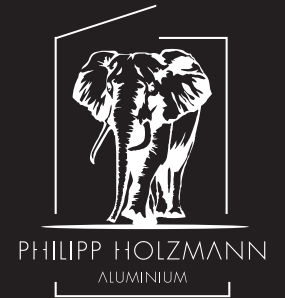
SINGLE-GLAZED SYSTEM



PH-28 C

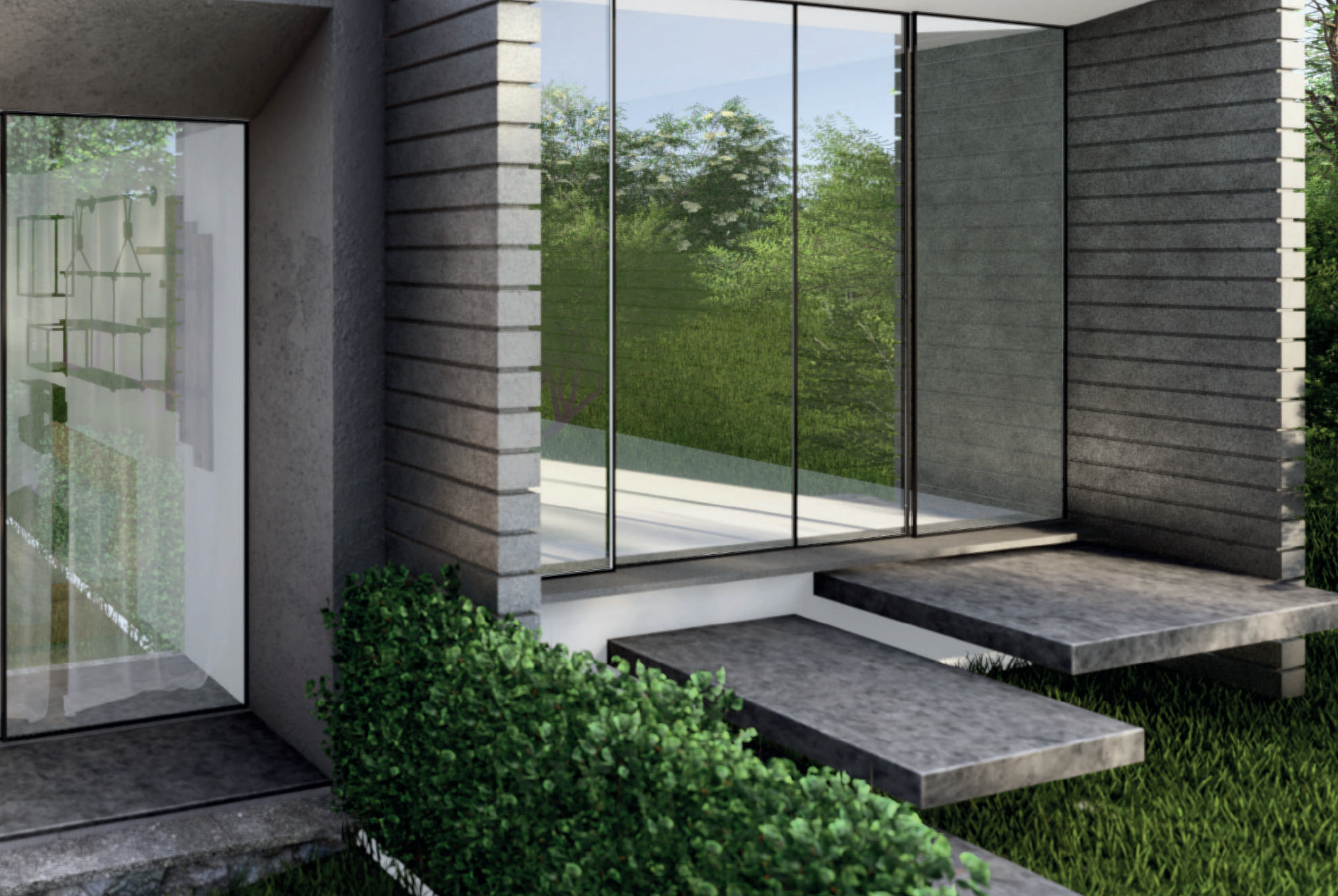
Technical Specifications

Frame Width: 45mm - 79mm - 81mm - 95mm
Sash Depth: 28mm - Glass without Mullion
Glass Thickness: 4 - 22mm
Sash Carrying Capacity: 120 kg



PH-28 C







PH-32 G

PH-32 C

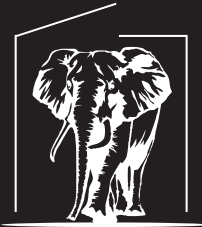
Technical Specifications

Frame Width: 78mm - 100mm - 118mm

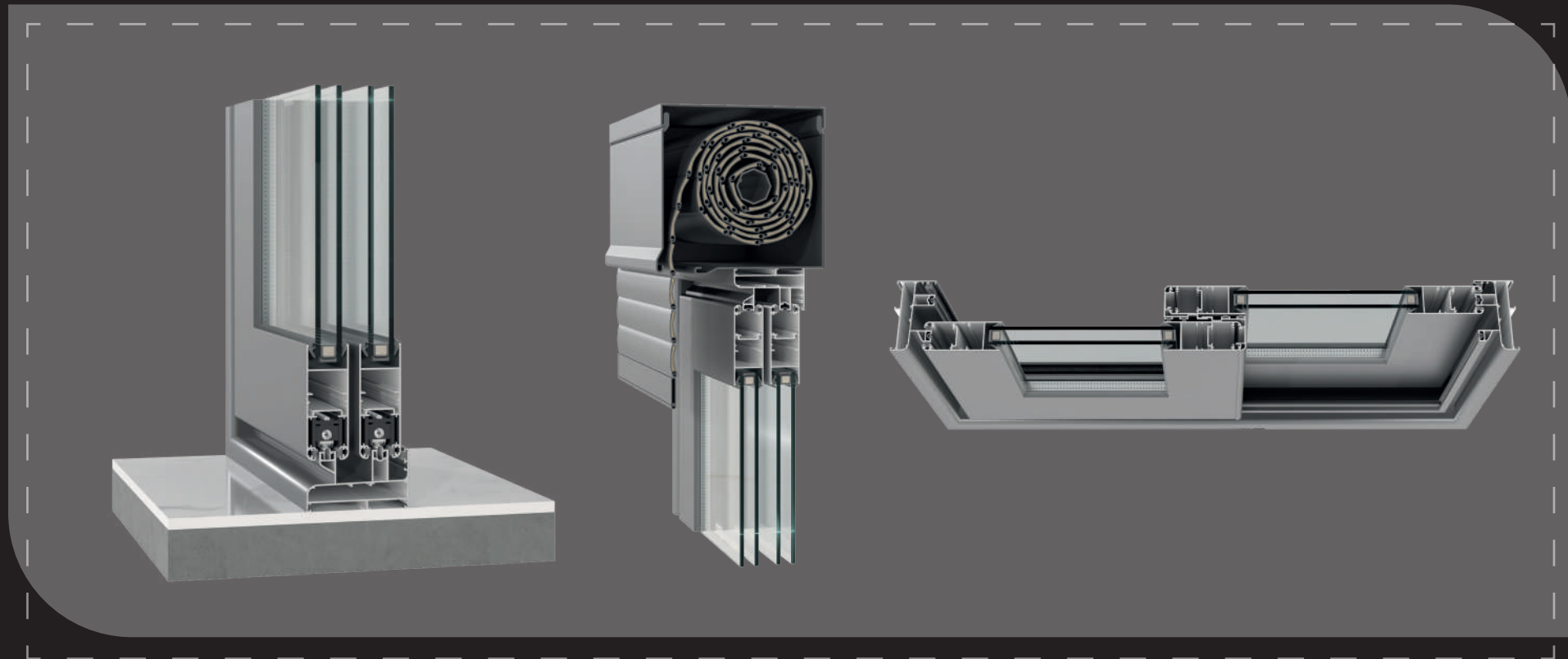
Sash Depth: 32mm - Glass without Mullion and with Mullion

Glass Thickness: 4 - 24mm

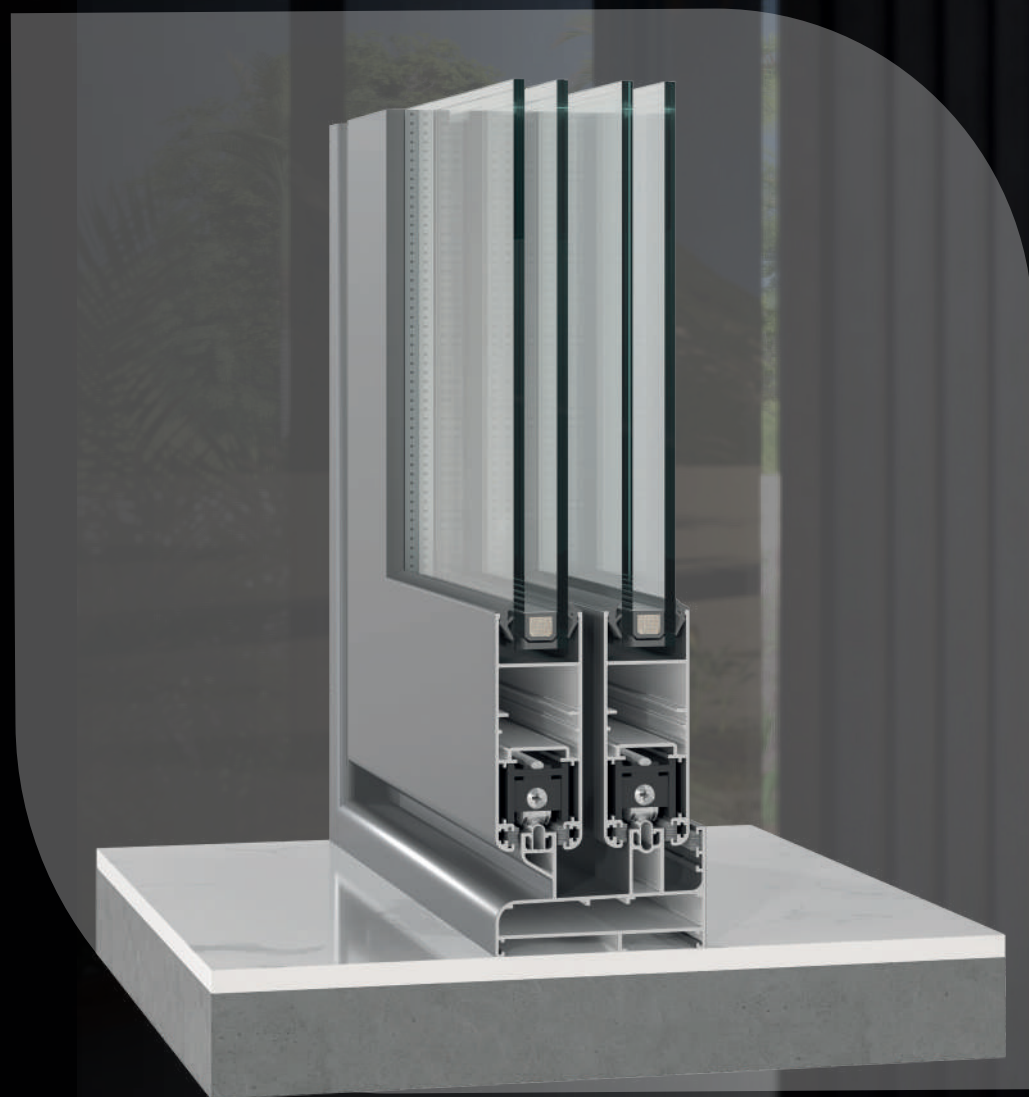
Sash Carrying Capacity: 120 kg



PHILIPP HOLZMANN
ALUMINIUM



PH-32 C





PH-40 C

PH-40 C

Technical Specifications

Frame Width: 79mm - 93mm - 115mm - 146mm

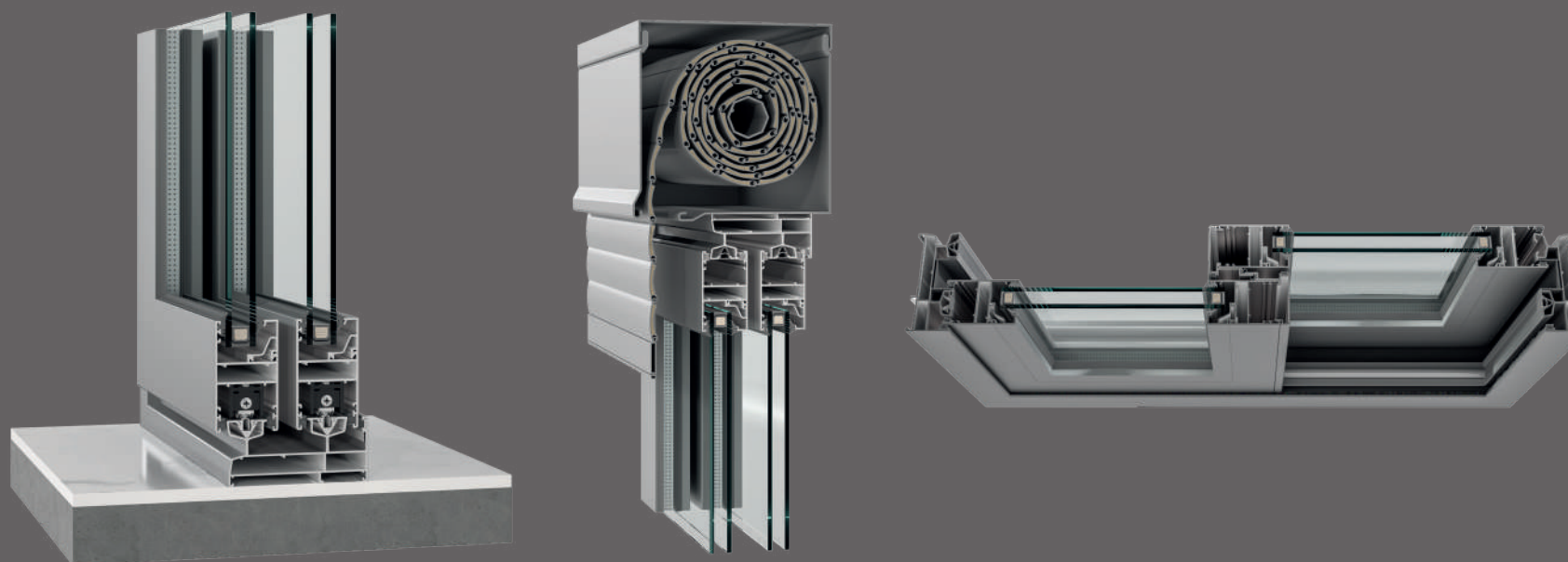
Sash Depth: 42mm

Glass Thickness: 4 - 28mm

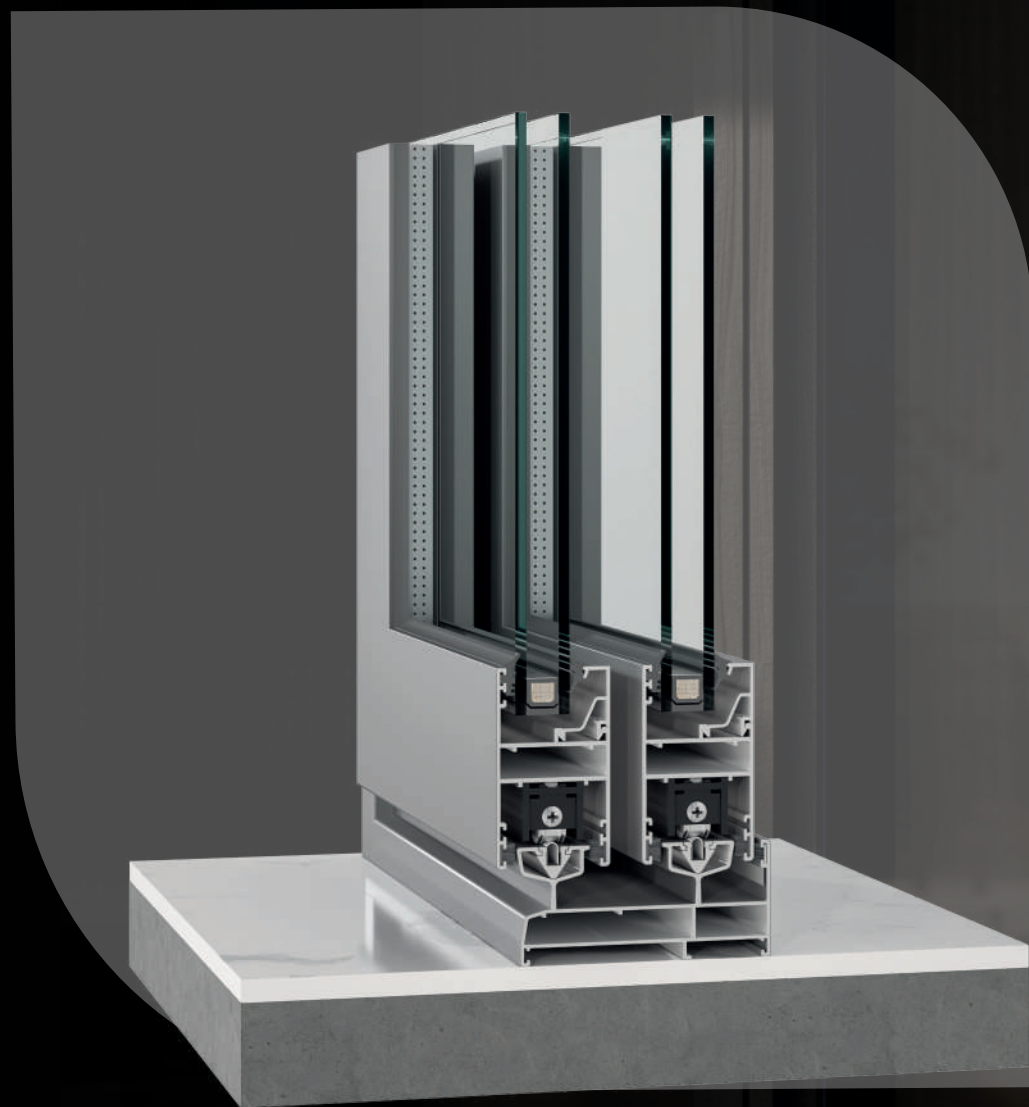
Sash Carrying Capacity: 160 kg.



PHILIPP HOLZMANN
ALUMINIUM



PH-40 C





WINDOW SYSTEMS

Technical Specifications

Frame Width: 78 mm

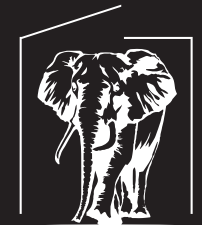
Sash Depth: 85mm

Insulation Barrier: 34mm

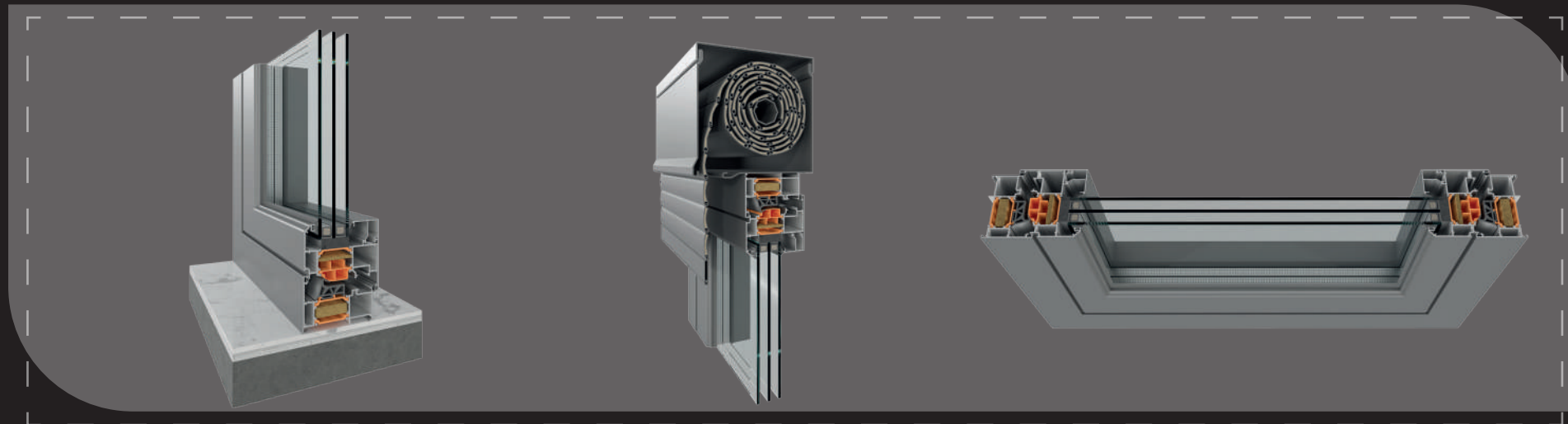
Glass Thickness: 20mm - 62mm

Heat Permeability Coefficient UF: 1,83 W/m²K

Accessory Selection: Opening accessories suitable for Euro norm and PVC channel

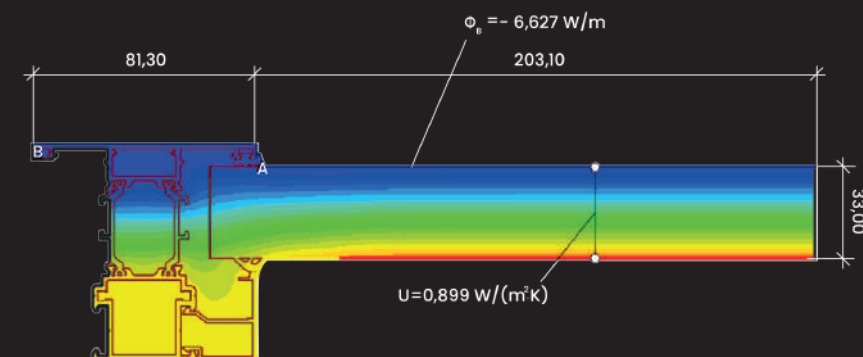


PHILIPP HOLZMANN
ALUMINIUM



Material	λ [W/(m K)]	ϵ
Aluminium (Si Alloys)	160,000	0,900
EPDM (ethylene propylene diene monomer)	0,2500	,900
Panel	0,035	0,900
PVC (polyvinylchloride), rigid	0,170	0,900
Slightly ventilated air cavity **		
Unventilated air cavity **		
** EN ISO 10077-2:2017, 6.4.3/anisotrop		

Boundary Condition	q [W/m²]	θ [°C]	R [(m² K)/W]	ϵ
Epsilon 0.9				0,900
Exterior, frame		0,000		0,040
Interior, frame, normal	2	0,0000		,130
Interior, frame, reduced	2	0,0000		,200
Symmetry/Model section0		,000		



$$U_{1AB} = \frac{\frac{\Phi}{\Delta T} - U_p - b_p}{b_i} = \frac{\frac{6,627}{20,000} - 0,899 - 0,203}{0,081} = 1,83 \text{ W/(m}^2\text{K)}$$

PH-78 T









"Architectural Solutions with Elegance and Durability"



PHILIPP HOLZMANN
ALUMINIUM

www.philippholzmannaluminium.com



Şafak Mah. Akdeniz Sanayi Sitesi 5005 Sk. No:30 Kepez / ANTALYA

+90 242 361 33 34

+90 549 320 77 59

+90 242 361 33 32

info@tsaaluminyum.com