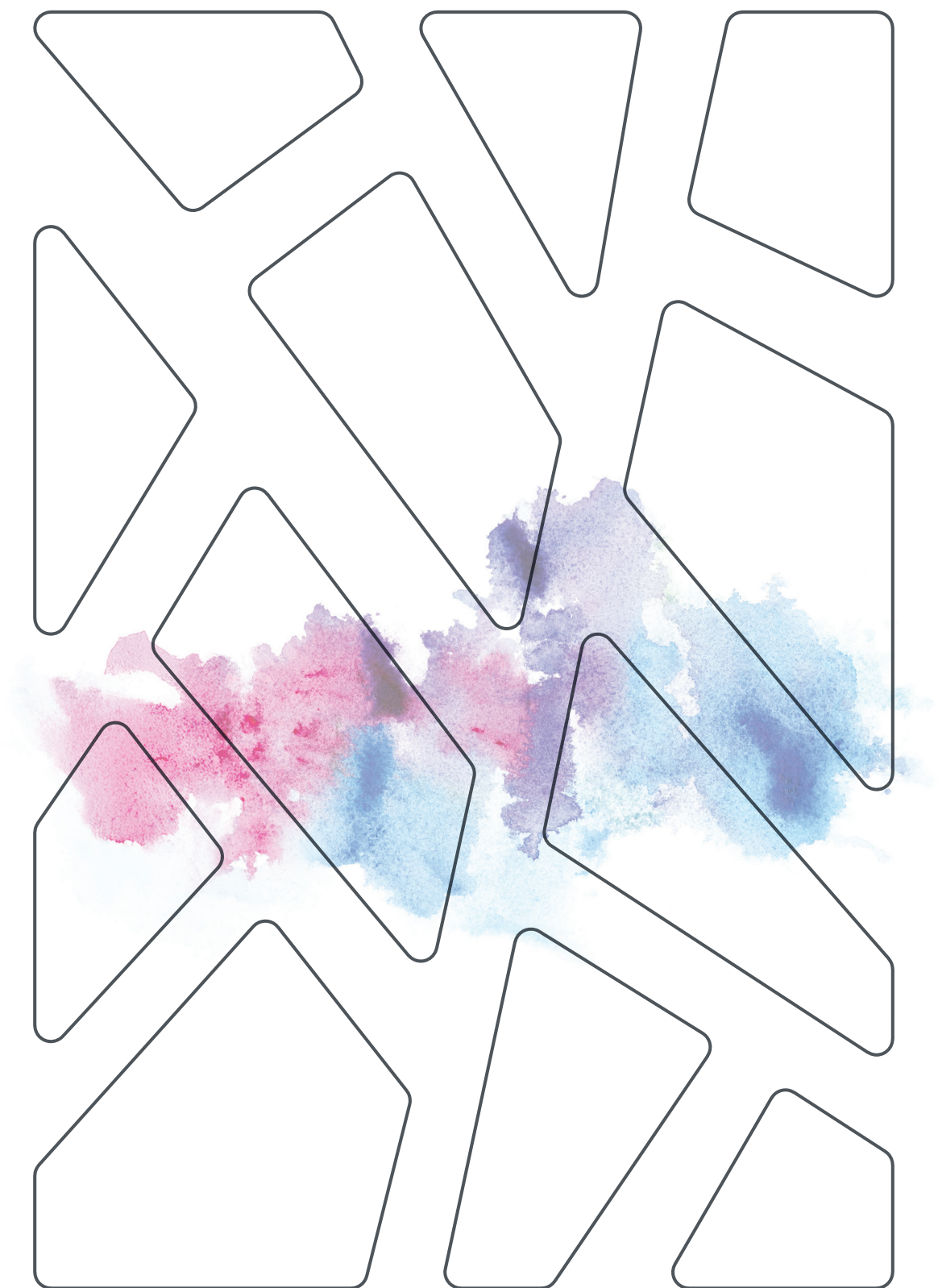


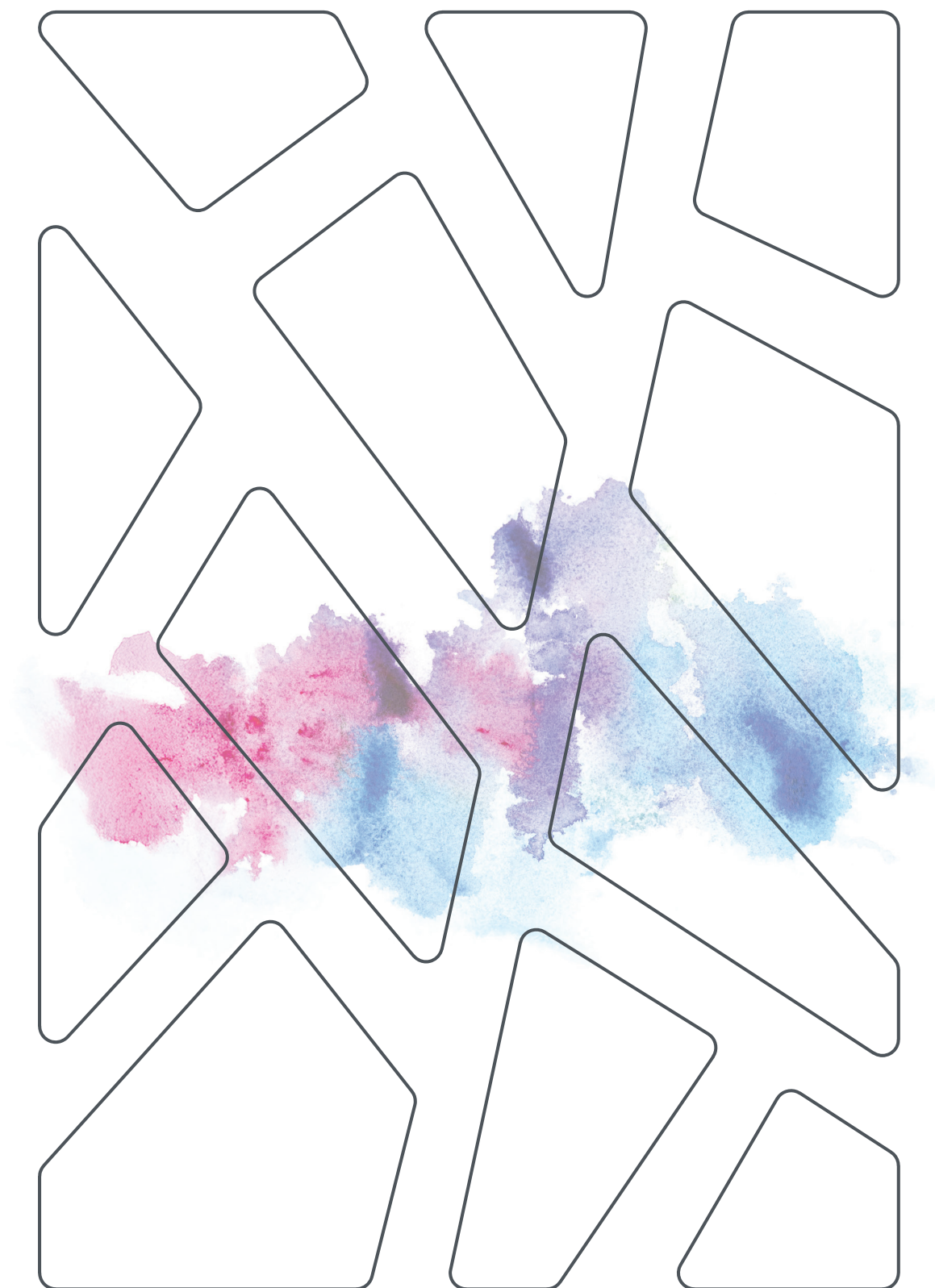


uni_verso

uni_verso is designed to grow your business

Today's window and door market demands skilled labour and minimalist profiles that require significant investment, as well as increasingly stringent thermal, acoustic and environmental certification. The sustainability and traceability requirements involved are complex to achieve and maintain.

uni_verso was developed specifically to meet these needs, offering a system that streamlines production, raises quality and ensures compliance with the industry's highest standards.



COMPOSITION



Wood-Wood

Wood-Aluminium

Two systems, one production concept

uni_verso is an industrialised system for manufacturing wood-wood and wood-aluminium windows. It is designed to deliver a minimalist, Passive House certified window system that is easy to assemble.

uni_verso is a new way to manufacture windows: more efficient, more standardised and ready for today's market requirements.

The system is available in two construction options:

Wood-Wood: Red Grandis timber to the interior and Accoya® timber to the exterior, for an entirely natural appearance and long-lasting performance.

Wood-Aluminium: Red Grandis timber to the interior and aluminium to the exterior, for maximum durability and weather protection.

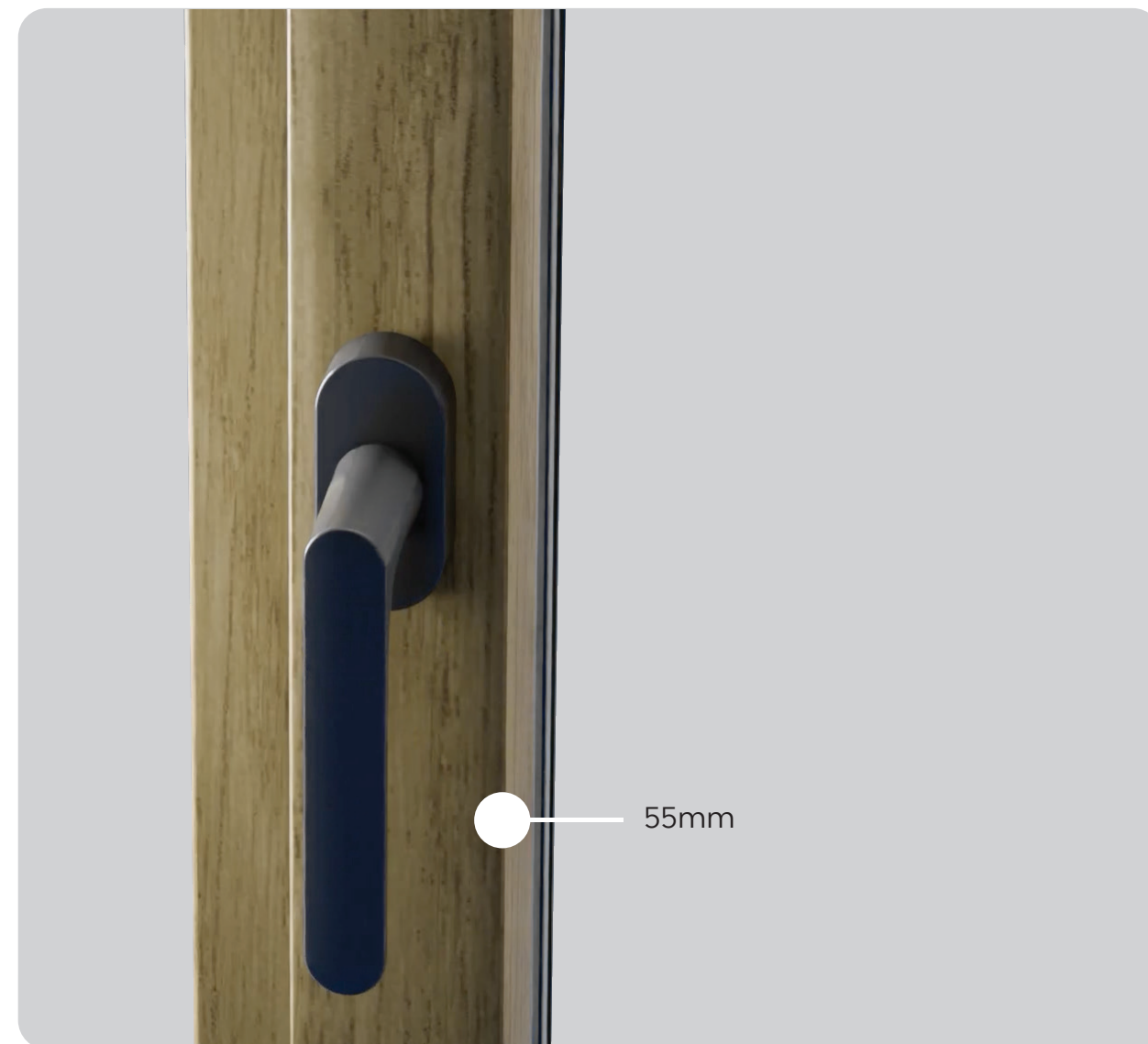


MINIMALIST



Minimalist window system 55 mm concealed sash

uni_verso is a new-generation minimalist window system with a 55 mm visible sash section on the inside and a completely concealed sash on the outside. With no glazing beads, it has a clean, linear design. Designed for contemporary architecture, uni_verso makes room for light by combining minimalism with the natural character of timber.



HARDWARE



Hardware

Flexibility, wider adjustment range and cost control

uni_verso is a minimalist system compatible with concealed or conventional hinges, with conventional hinges allowing opening angles of up to 180°.

Choosing conventional exposed hinges also reduces costs while retaining full functionality, a wide adjustment range and reliable performance.

The timber components of uni_verso are pre-machined for hardware installation.

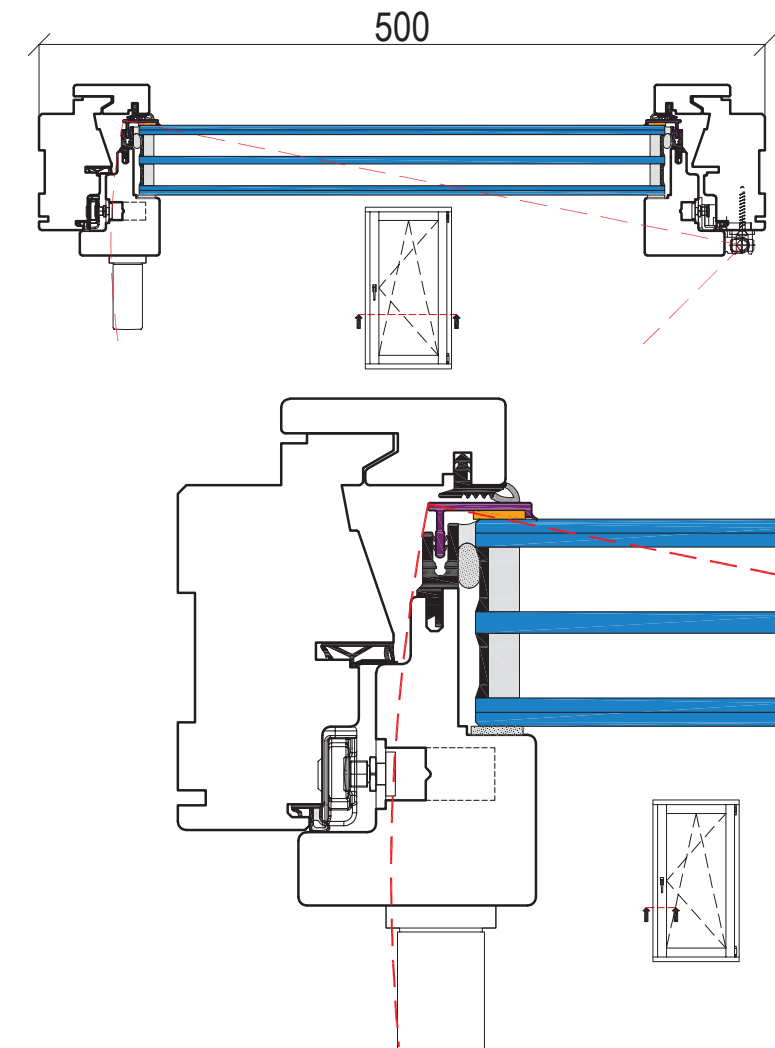
The hardware kit is supplied unassembled and individually packed for each window, complete with a drawing showing the installation position of every component.



MarineEdition

On request, a premium surface finish is available for conventional or concealed window and door hardware. It provides high corrosion resistance and is ideal for coastal areas.

OPENING TYPES



Opening types

Design freedom

uni_verso enables very narrow sashes while maintaining stability, performance and a minimalist design.

Single-sash opening: minimum width 500 mm (overall frame dimension).

Double-sash opening: minimum width 900 mm (overall frame dimension).

These dimensions increase design freedom and maximise natural light, even in confined spaces.

The minimum and maximum dimensions depend on the hardware used, its load capacity and the geometry permitted by the system.

The uni_verso system is available in casement and lift-and-slide versions; the lift-and-slide version is available in wood-aluminium only.



Red Grandis

the reliability of timber windows

Red Grandis is a variety derived from Eucalyptus species. This timber combines stability, high thermal performance and the natural beauty of wood.

Grain and appearance

Its fibre is fine, uniform and knot-free. The grain is elegant and regular, ideal for a painted finish that is even, smooth and flawless.

Plantation-grown, sustainable and 100% FSC® certified
Produced from fast-growing plantations, Red Grandis allows short reforestation cycles and ensures a controlled, sustainable supply chain. It comes from certified plantations in Uruguay and performs in every climate, from humid to dry conditions.





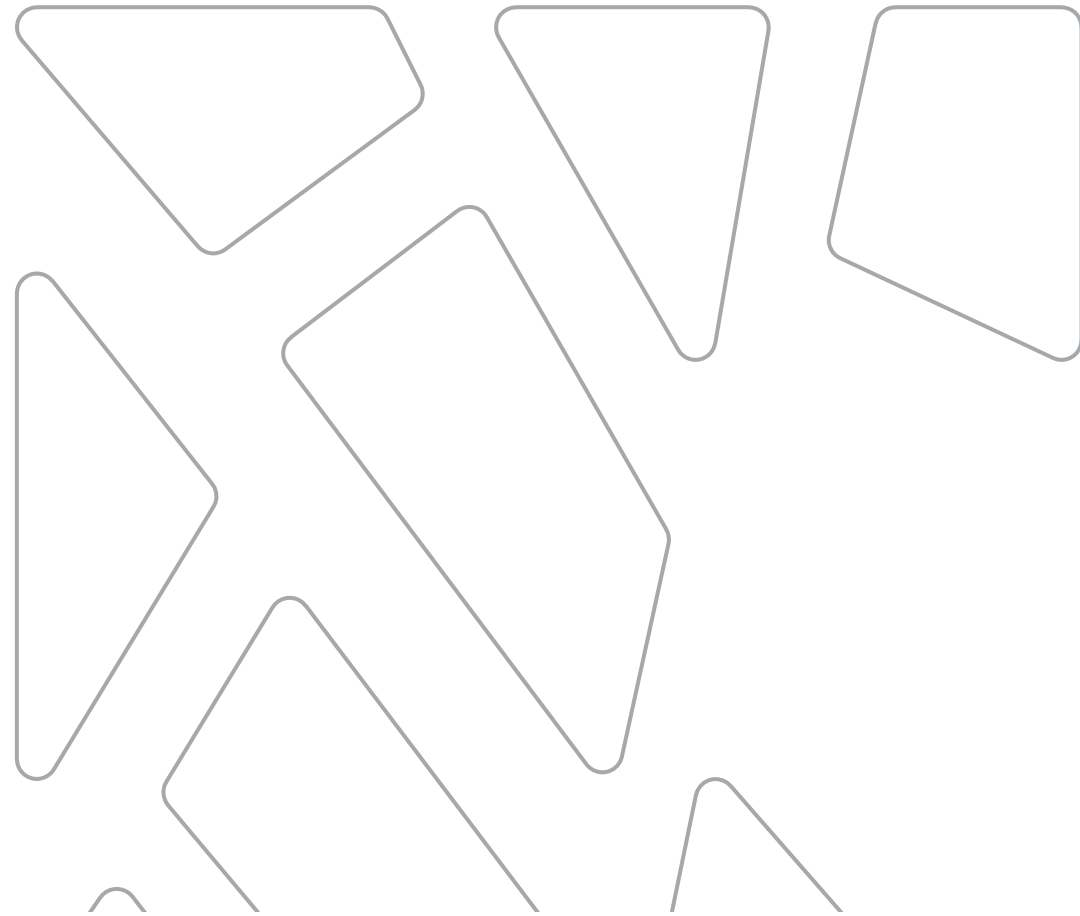
Stability and performance in a single timber species

The uniform density of Red Grandis gives uni_verso the strength of hardwoods, while its cellular structure delivers the thermal conductivity of softwoods. This rare balance allows uni_verso to retain slim profiles without sacrificing stability or energy efficiency, as confirmed by Passive House window certification from the Passive House Institute in Germany.

Pure value for a minimalist window system

Its natural colour ranges from light pink to creamy white, with a regular grain that enhances its appearance. It is the ideal timber for a minimalist-profile window system such as uni_verso. The profiles use full-length lamellas, with no finger joints in visible sections.

uni_verso has chosen Red Grandis



Accoya®

long-lasting external timber cover frame

Accoya® is made from Radiata Pine modified through acetylation, a non-toxic process that changes the wood's cellular structure, making it exceptionally stable and resistant to moisture and distortion.

Radiata Pine grows quickly, comes from FSC®-certified forests and has a cellular structure ideally suited to deep, uniform acetylation.

Controlled cultivation, primarily in New Zealand, ensures a consistent, sustainable and high-performance supply chain.



MarineEdition

The acetylation process gives Accoya® natural resistance to moisture, salt-laden air and the climatic changes typical of coastal areas.

Up to 50 years' warranty

Accoya® timber is rated Durability Class 1, like teak (EN 350), and is warranted for up to 50 years above ground. Resistant to fungi and wood-destroying insects, Accoya® can also be used uncoated, allowing the timber to weather naturally to a grey tone over time. When coated, the service life of the finish is extended, making this timber particularly suitable for exterior timber window and door applications.





Aluminium

External aluminium cover

The external aluminium cover can be selected as an alternative to the timber cover frame. Both solutions are replaceable and interchangeable. The aluminium cover offers major functional, aesthetic and commercial benefits:

Functional benefits

Excellent weather resistance: aluminium is the ideal material for exterior applications because it:

- is unaffected by moisture
- does not distort
- withstands rain, wind and solar radiation
- retains its finish over time



MarineEdition

All Uniform aluminium components are certified in accordance with Qualicoat Seaside requirements. Class 2 powder coating is available on request and is particularly suitable for aggressive environments such as coastal areas with high salinity.

Aesthetic and design benefits:

- wide choice of RAL colours, anodised finishes and wood-effect decors, with smooth or textured finishes
- two-tone combinations without production complications
- perfectly uniform surfaces.

Commercial benefits

The strength of aluminium, combined with the option of replacing only the external cover if damaged, allows fast, cost-effective and non-invasive maintenance while preserving the integrity of the entire window unit.

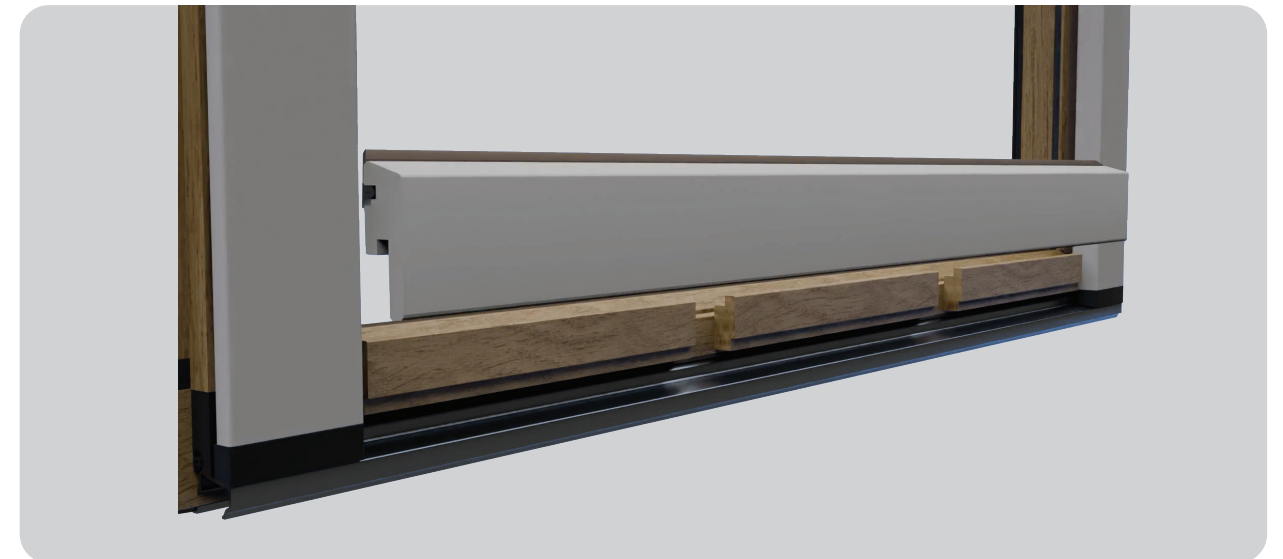
REMOVABLE external frames



Removable and interchangeable external cover frame: a unique market advantage

The uni_verso external cover frames, whether timber or aluminium, can be removed and interchanged without removing the sash or main frame, even after the window has been installed.

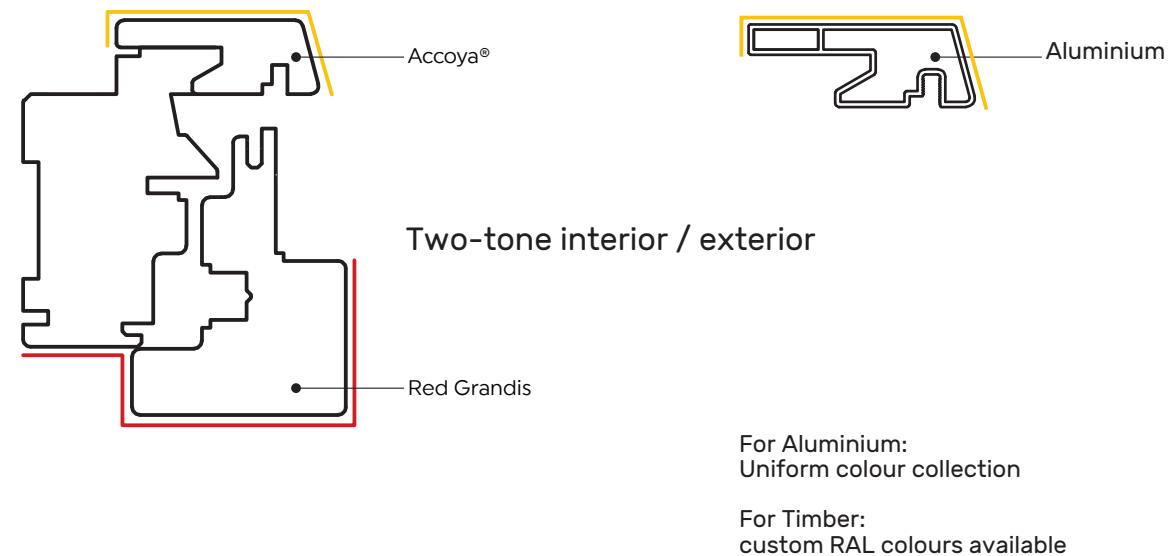
This simplifies maintenance, greatly expands customisation options and allows only the external cover frame to be replaced, creating tangible benefits for both the manufacturer and the end user.



The external cover frames can be removed thanks to clips or permanent neodymium magnets that hold the stiles and rails securely in position. Spring elements apply pressure to the stiles and stabilise the rails, ensuring perfect alignment of all components.

Magnets are used in the wood-wood version, while clips are used in the wood-aluminium version.

TWO-TONE



Two-tone

Maximum freedom of colour choice

The uni_verso system makes it easy to use different colours on the interior and exterior faces of the timber frame, an option that naturally extends to wood-aluminium combinations.

When different timber colours are required inside and outside, this feature reduces production costs and provides maximum colour freedom, ensuring a versatile, distinctive and customisable window system.

FINISHES

	Painted	Stained	Unfinished
Red Grandis	3	5	
Accoya®	3	3	1

Timber coating

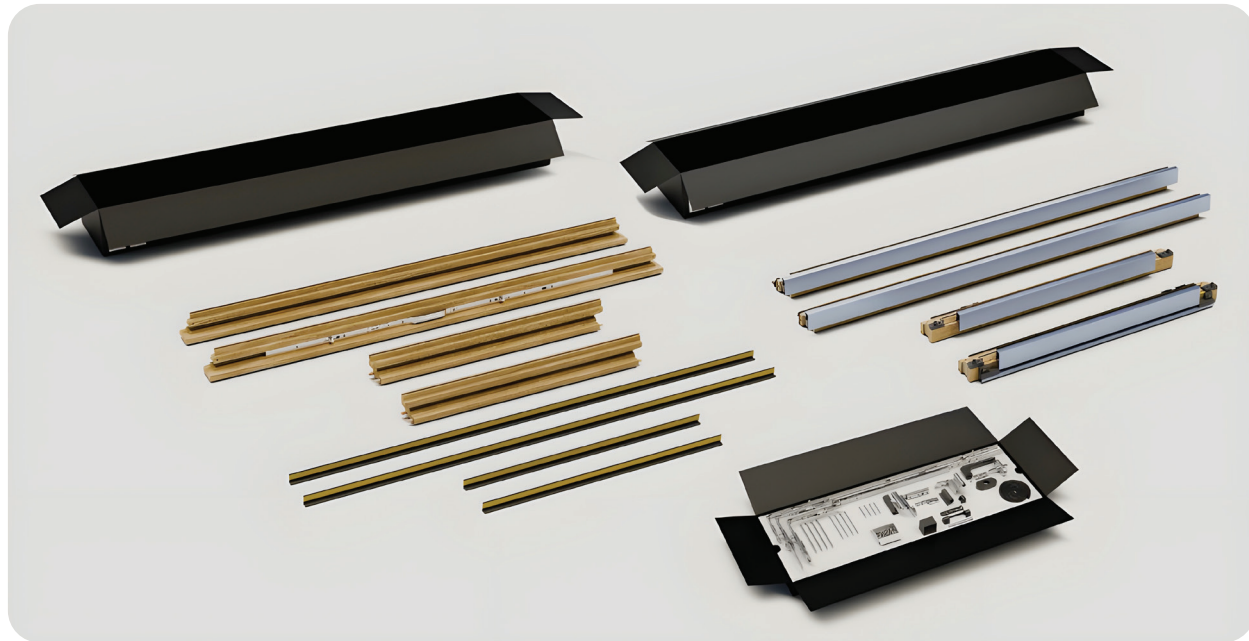
Premium coating system - two-component, isocyanate-free finish

The water-based coating system with a two-component topcoat, developed in collaboration with Renner, gives uni_verso high surface resistance, long-term durability, colour stability and weather protection.

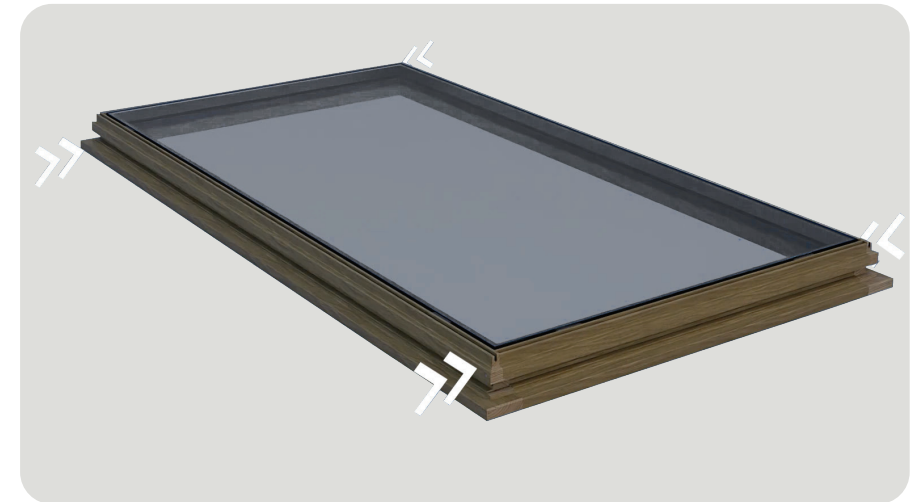
It uses isocyanate-free (NISO) products, reducing sensitising substances and improving indoor air quality.

Eliminating isocyanates reduces the chemical impact of the coating process and responds to the requirements of designers, CAM criteria and environmental certification.

A tangible advantage for those choosing responsible, next-generation products.



Sash assembly - 8 screws



Frame assembly - 4 screws

The production revolution

A component-based window system supplied 'in a box'

uni_verso redefines conventional timber window production: the window is broken down into components, industrialised and supplied boxed, ready for quick and easy assembly.

The system is designed to minimise operating complexity: assembly requires only **4 screws in the frame and 8 in the sash**, a simple approach that reduces time, errors and the need for highly skilled labour.

This approach simplifies inventory management, eliminates waste and speeds up the manufacturer's work, freeing internal time and resources. The result is a leaner organisation that can focus on higher-value activities: sales, customer consulting and commercial relationship management.



CONFIGURATOR



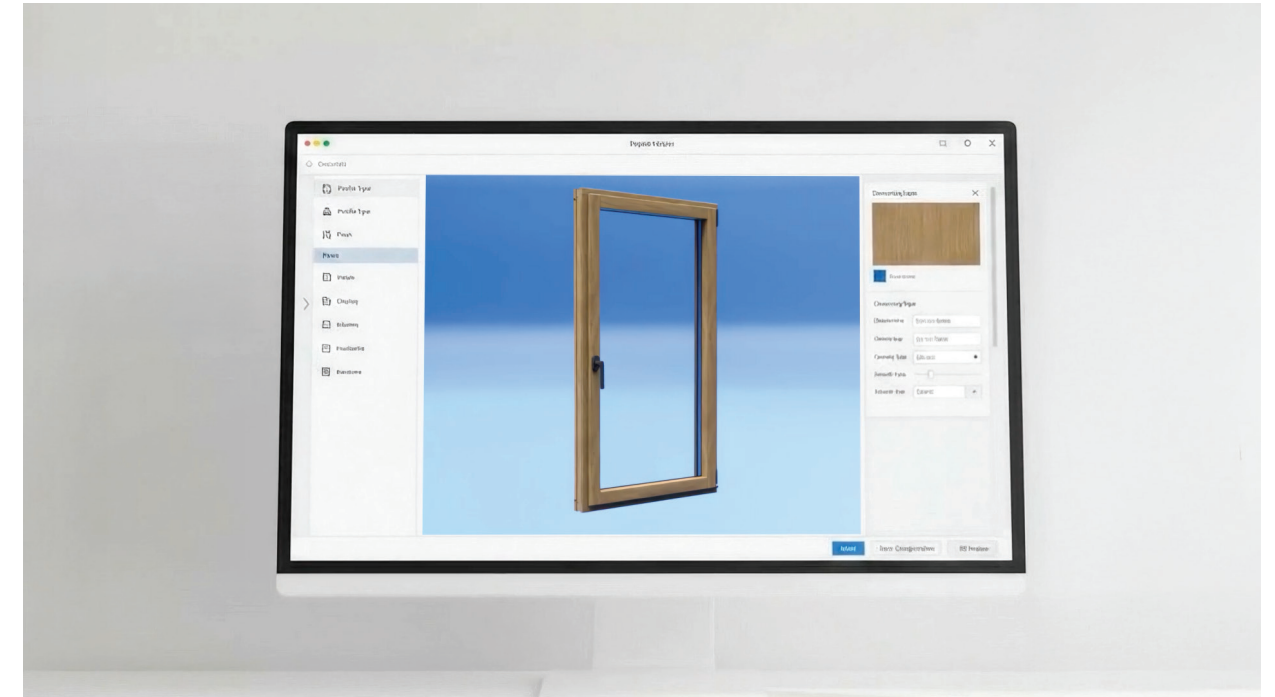
uni_verso Configurator

Fast quoting and order processing

The uni_verso Configurator is the digital platform developed by Uniform to help window manufacturers manage the complete technical and commercial configuration of the uni_verso system.

It is designed to simplify everyday work, prevent errors and speed up every stage, from quotation through to the production order.

With its simple, intuitive and visual interface, the Configurator guides users step by step through dimensions, models, finishes and variants, updating prices, components and technical compatibility in real time. Every configuration remains fully aligned with the constantly updated Uniform catalogue.



3CAD LITE Software

Configurator / Quotation tool

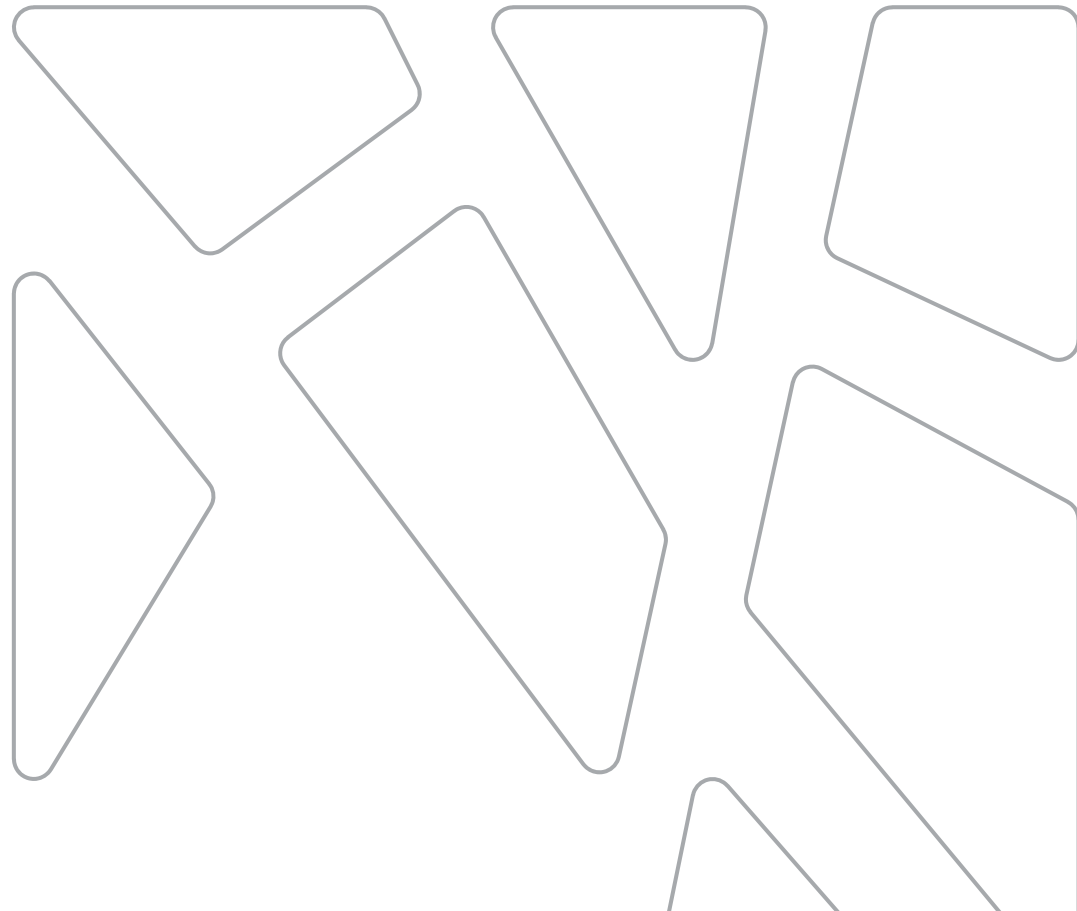
Operational benefits

- **Real-time 3D configuration:** the product updates instantly as dimensions, colours, materials and accessories are changed.
- **Guaranteed technical compatibility:** the system prevents invalid combinations, ensuring full compliance with the production catalogue.
- **Full document automation:** technical data sheets, glazing schedules, Uw thermal performance for each window and orders ready to send directly to production.
- **Complete history always available:** clear, structured access to quotations and orders.

Activation and support

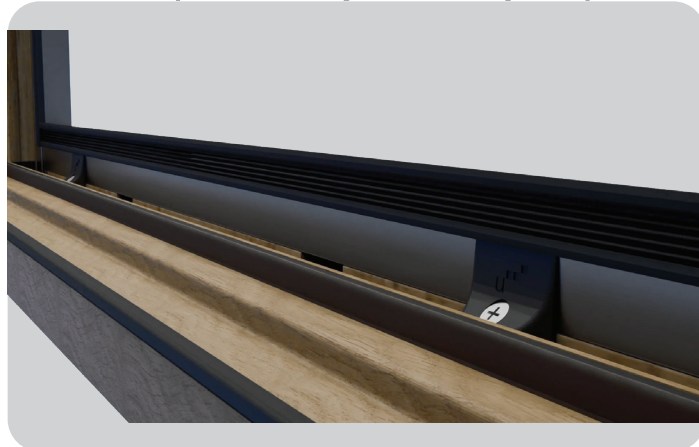
- Web-based access with a dedicated licence.
- Certified system, continuously updated.
- Dedicated training included: in addition to technical training on the uni_verso system, a free session on using the Configurator is provided.

PATENTS



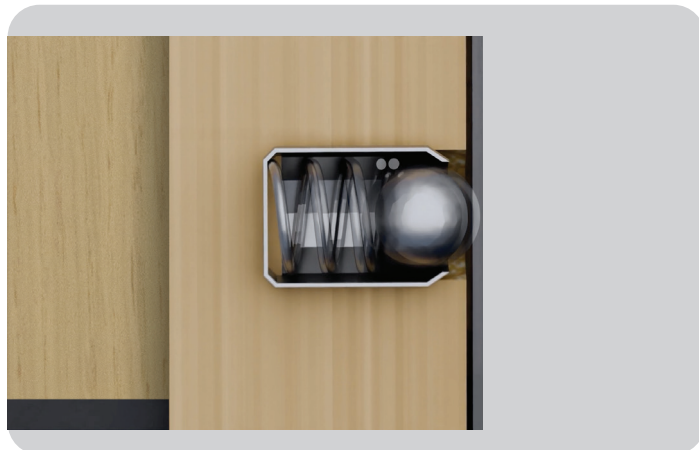
FIXING CLIPS

Innovative fixing clips allow the external timber or aluminium cover frames to be fitted and removed even after installation against a rebate, simplifying maintenance and customisation.



SPRING SYSTEM

The cover frames on the stiles are pressed against the rails, automatically compensating for frame tolerances and expansion.

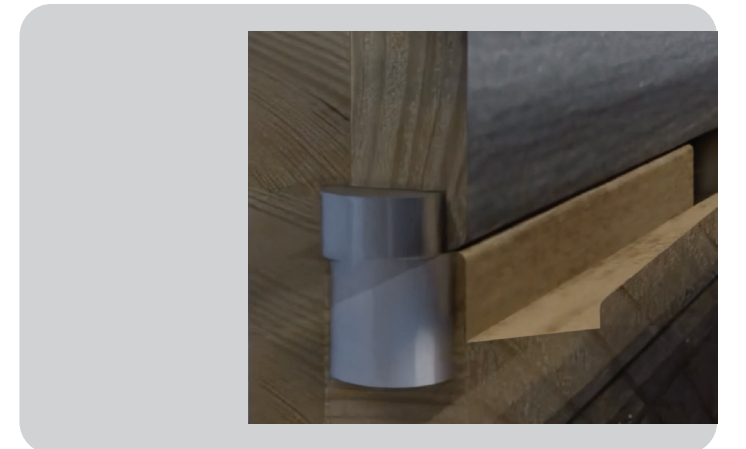


INNOVATIONS THAT MAKE A DIFFERENCE



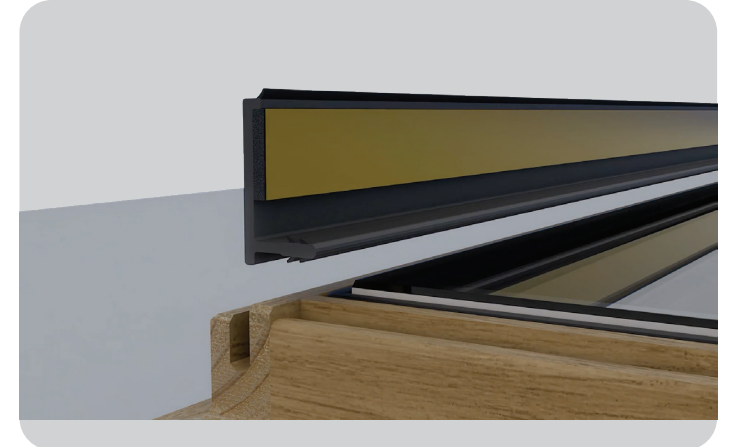
MAGNETIC COUPLING

Magnetic fixing of the external timber cover frames ensures precision, secure retention and fast assembly.



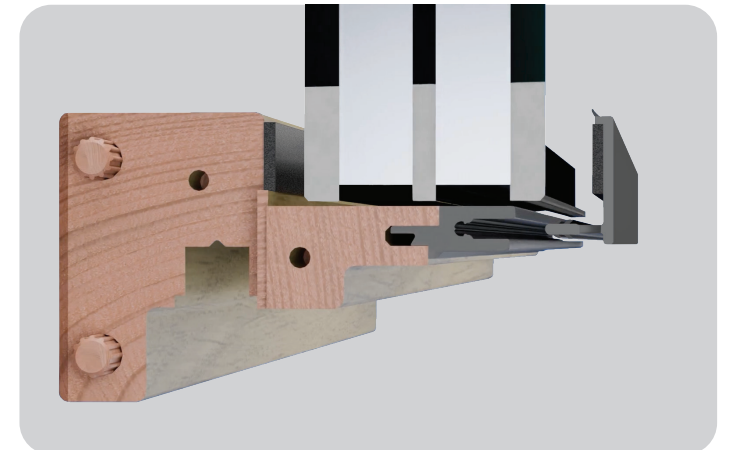
EXTERNAL GLAZING-BEAD FRAME

An external glazing-bead frame combines functionality with minimalist design, creating a cleaner appearance and easier maintenance.



ADJUSTABLE-DEPTH SASH PROFILE

An adjustable-depth sash profile allows one timber section to be used for both double and triple glazing, reducing production complexity and inventory costs.



CERTIFICATE

Certified Passive House Component
 Component ID 2579wi04, valid until 31 December 2027

Passive House Institute
 Dr. Wolfgang Feist
 64283 Darmstadt
 Germany

Category:
 Manufacturer:

Window frame
Uniform S.p.A.,
Minerbe (VR),
Italy

Product name:

uni_verso55ATG

This certificate was awarded in accordance with the following criteria for warm-temperate climate regions

Comfort $U_W = 1.00 \leq 1.00 \text{ W/(m}^2 \text{ K)}$
 $U_{W, \text{ installed}} \leq 1.05 \text{ W/(m}^2 \text{ K)}$
 with $U_g = 0.90 \text{ W/(m}^2 \text{ K)}$

Hygiene $f_{Rsi=0.25} \geq 0.65$

warm, temperate climate

phB

CERTIFIED COMPONENT
 Passive House Institute

Passive House efficiency class
 www.passivehouse.com

phE phD phC **phB** phA

CERTIFICATE

Certified Passive House Component
 Component ID 2580wi04, valid until 31 December 2027

Passive House Institute
 Dr. Wolfgang Feist
 64283 Darmstadt
 Germany

Category:
 Manufacturer:

Window frame
Uniform S.p.A.,
Minerbe (VR),
Italy

Product name:

uni_verso55WTG

This certificate was awarded in accordance with the following criteria for warm-temperate climate regions

Comfort $U_W = 0.98 \leq 1.00 \text{ W/(m}^2 \text{ K)}$
 $U_{W, \text{ installed}} \leq 1.05 \text{ W/(m}^2 \text{ K)}$
 with $U_g = 0.90 \text{ W/(m}^2 \text{ K)}$

Hygiene $f_{Rsi=0.25} \geq 0.65$

warm, temperate climate

phB

CERTIFIED COMPONENT
 Passive House Institute

Passive House efficiency class
 www.passivehouse.com

phE phD phC **phB** phA

Passive House Certification

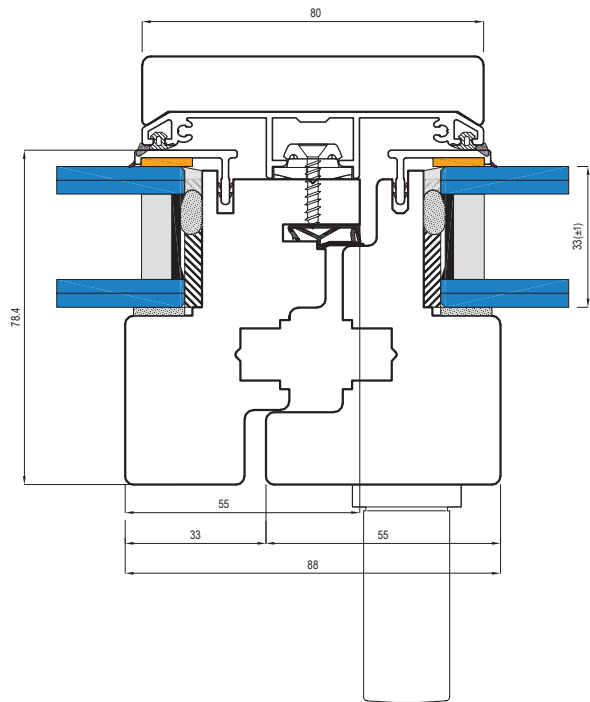
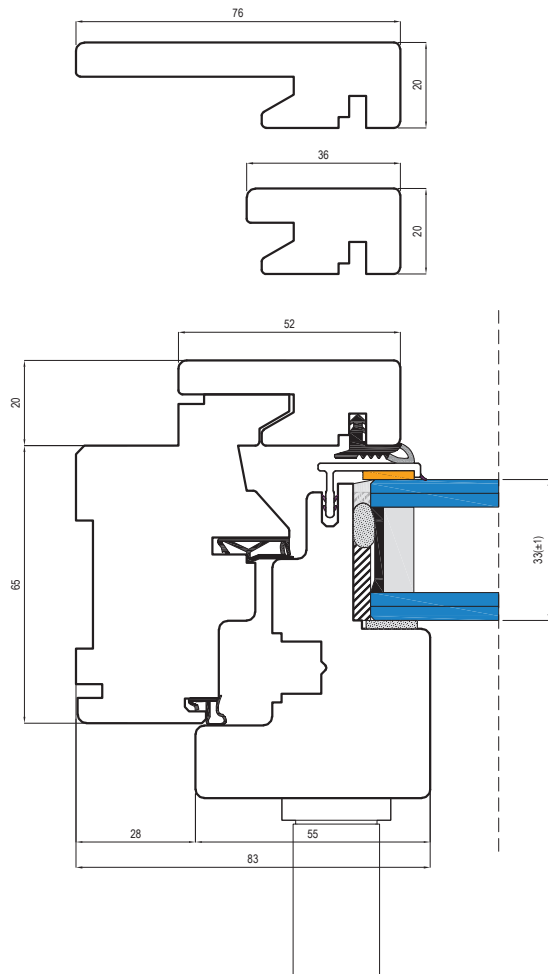
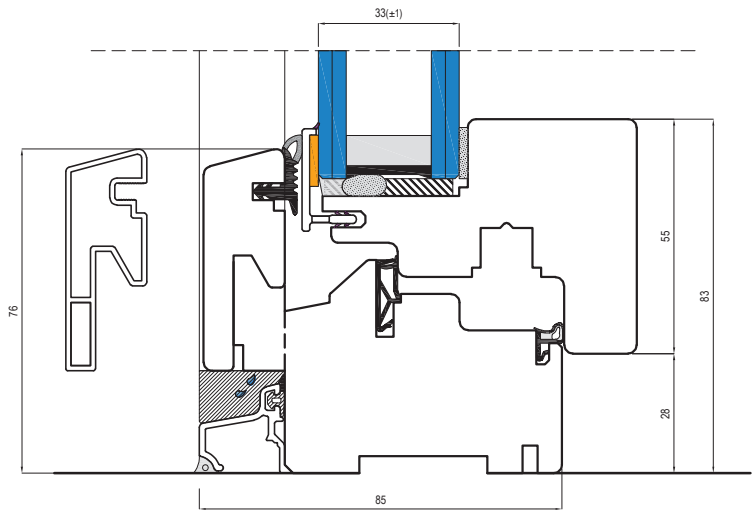
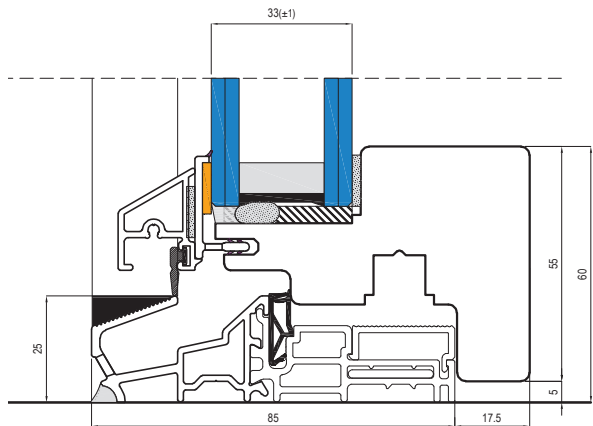
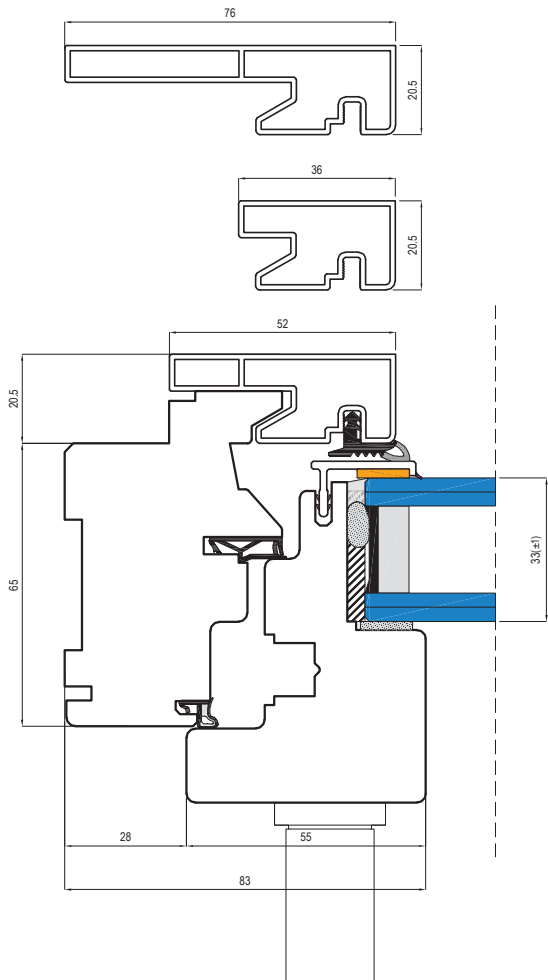
Immediate value for the market

Uniform applies the highest international quality and sustainability standards: it uses FSC®- and PEFC-certified timber, high-performance systems recognised by the Passive House Institute, and aluminium finishes compliant with Qualicoat Seaside requirements.

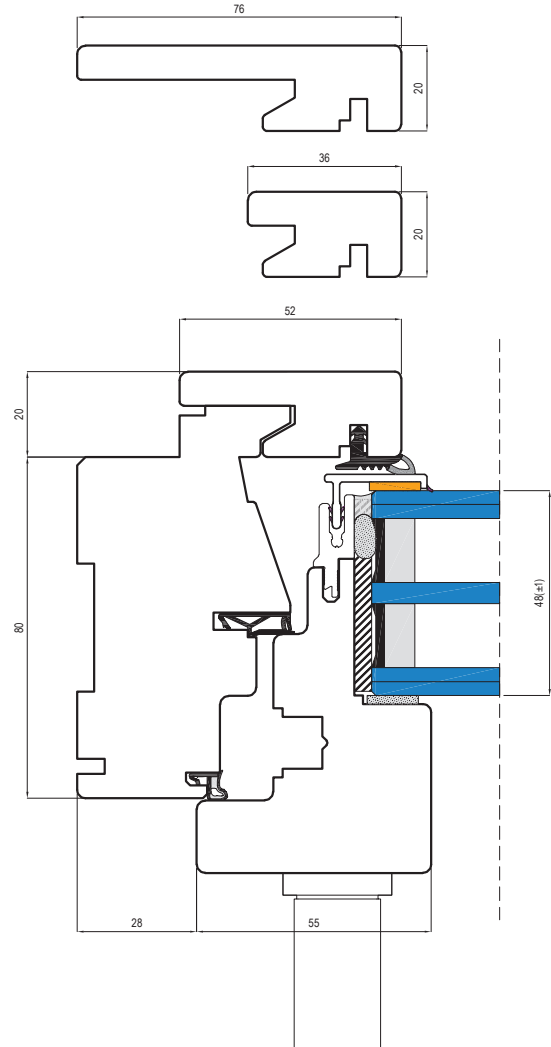
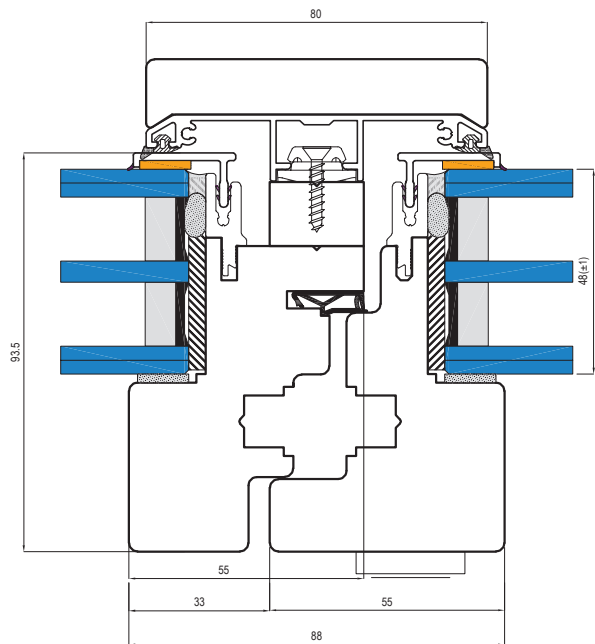
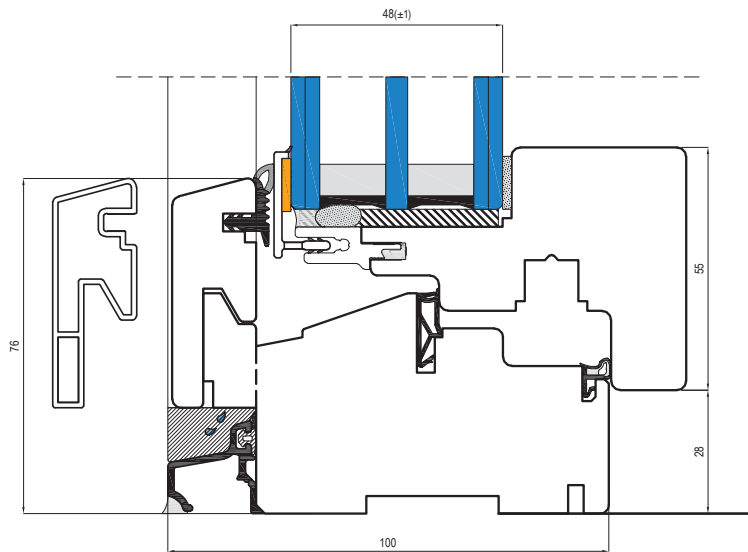
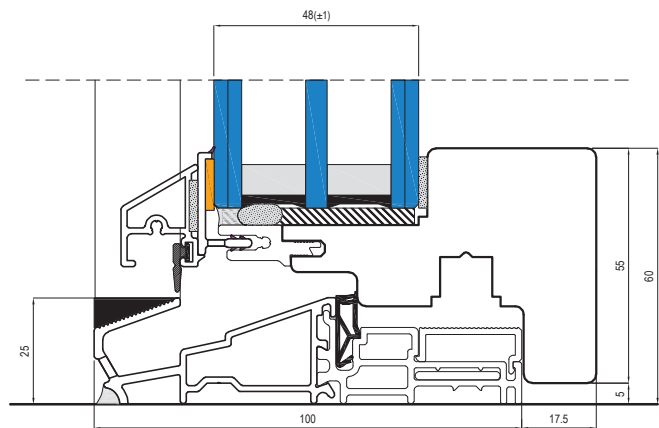
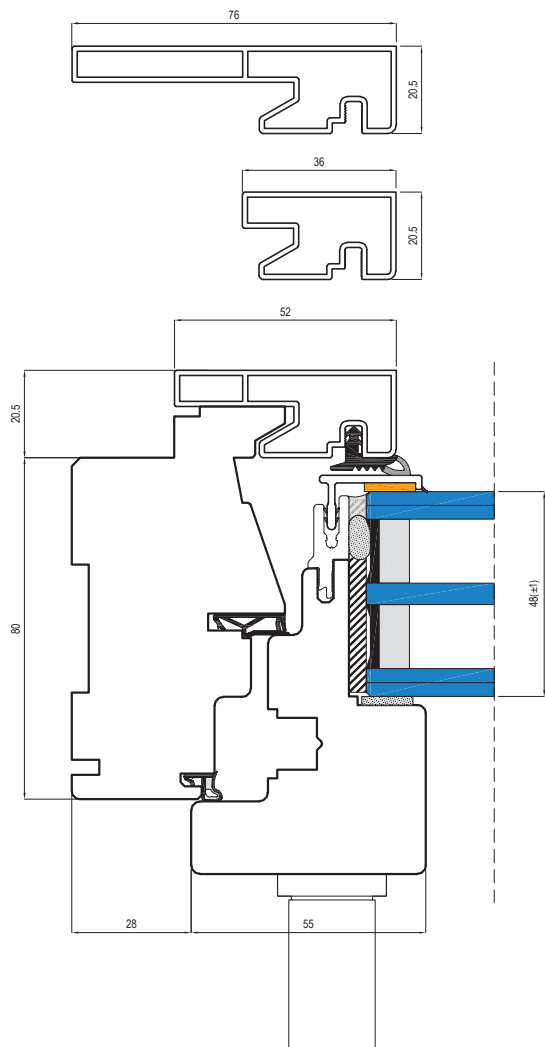
A tangible commitment to durable, responsible products engineered to the industry's most advanced standards.



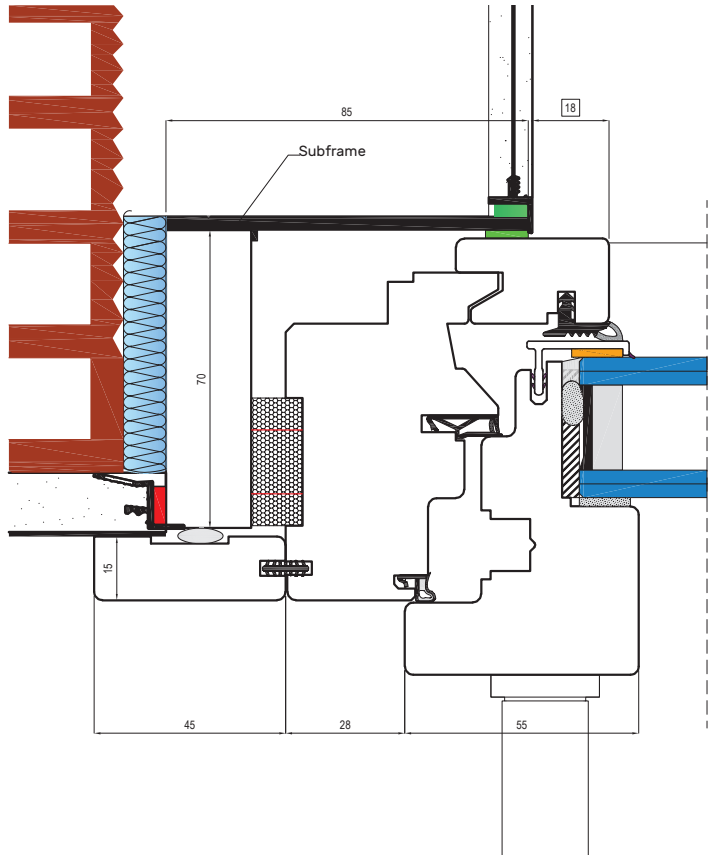
DOUBLE-GLAZING SECTIONS



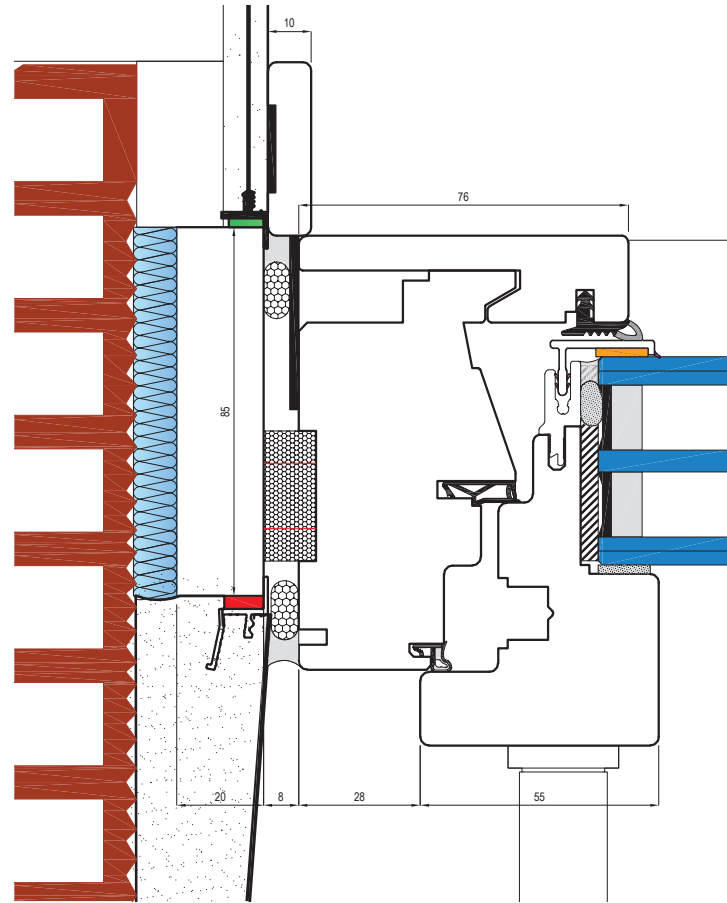
TRIPLE-GLAZING SECTIONS



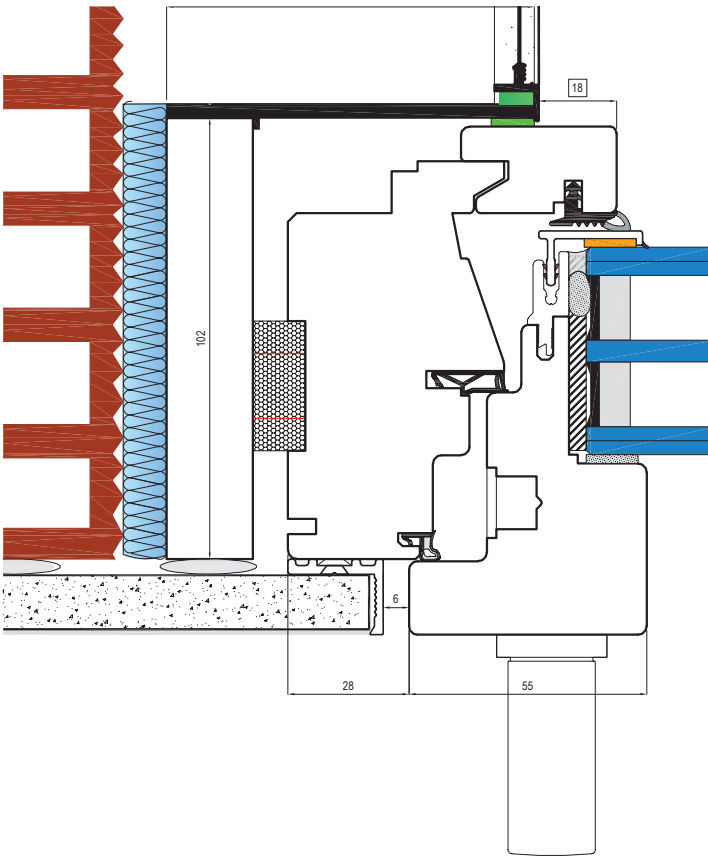
INSTALLATION DETAILS



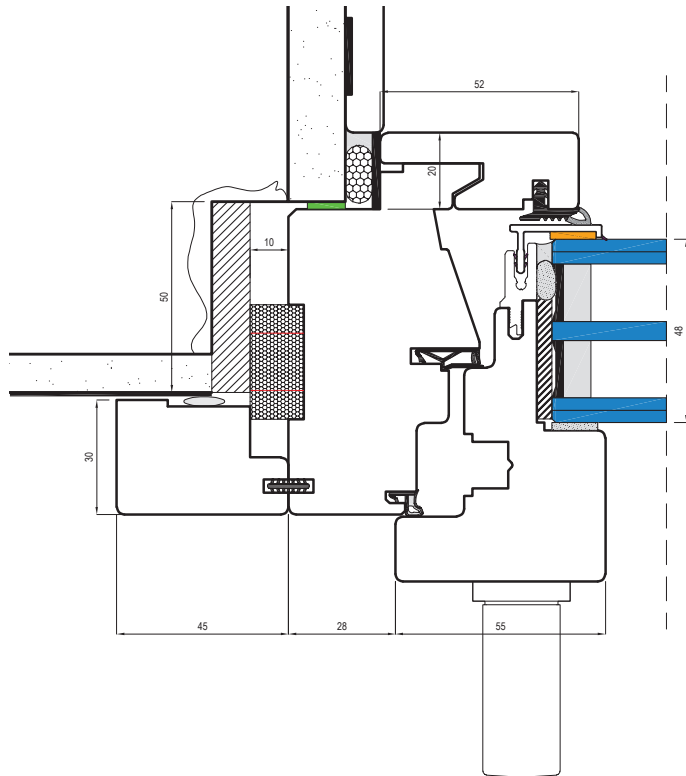
Installation with cover frame



Installation within the reveal



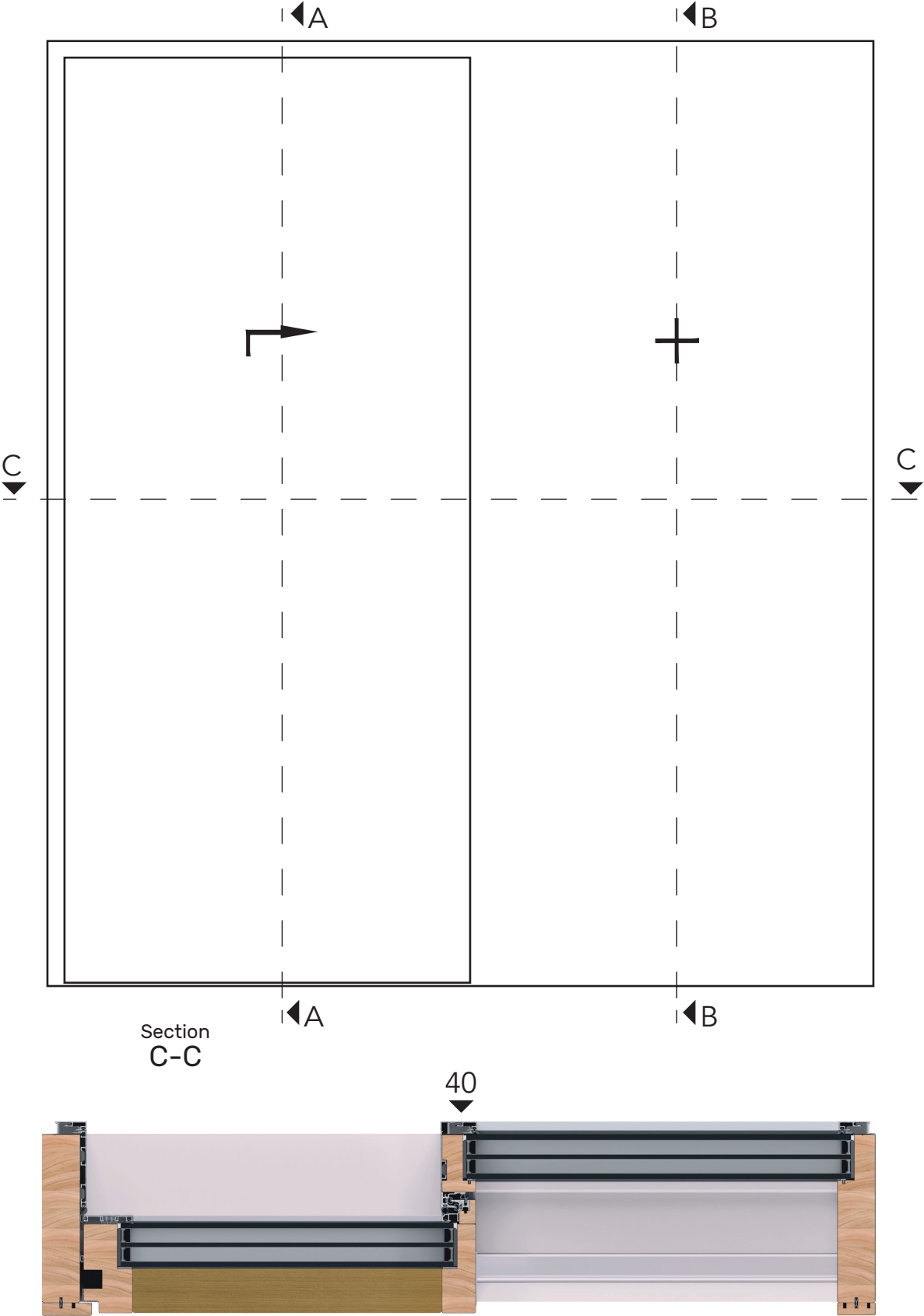
Plasterboard installation



Renovation installation

HS-magis40 Lift-and-Slide Collection in Red Grandis

Quick assembly, supplied boxed



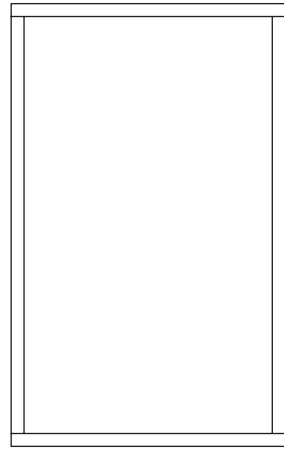
Section
A-A

Section
B-B

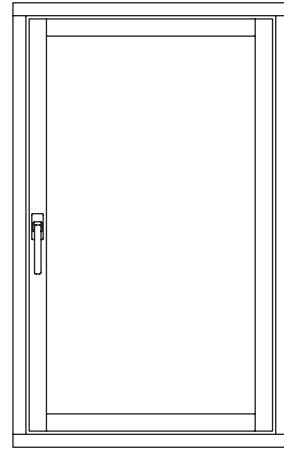
HS-magis40 in Red Grandis

Available with
double and triple
glazing

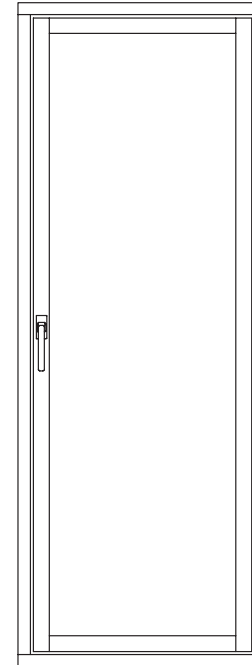
CONFIGURATIONS



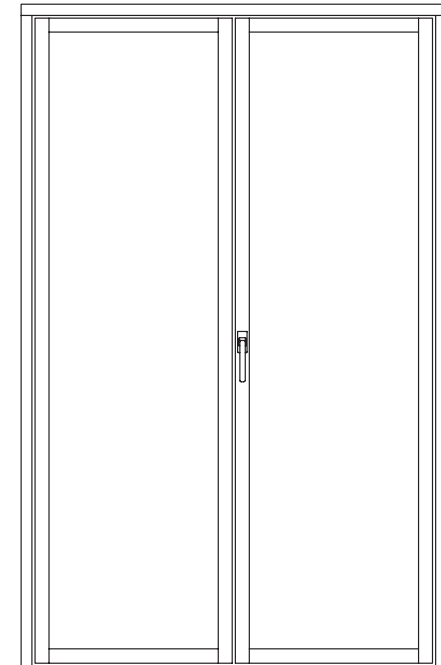
Fixed glazing



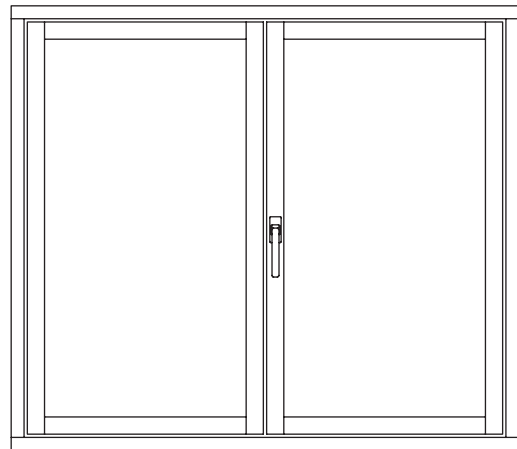
Single-sash opening window



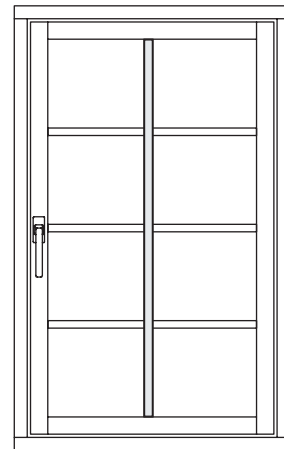
Single-sash opening balcony door



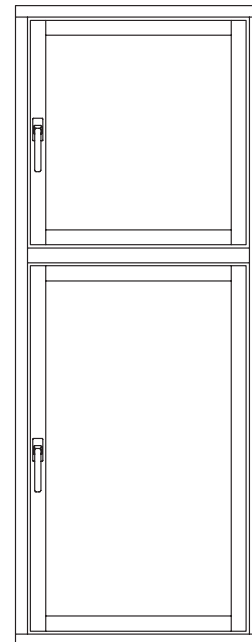
Double-sash opening balcony door with central closure



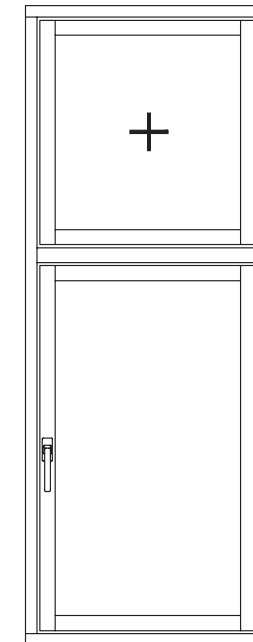
Double-sash opening window



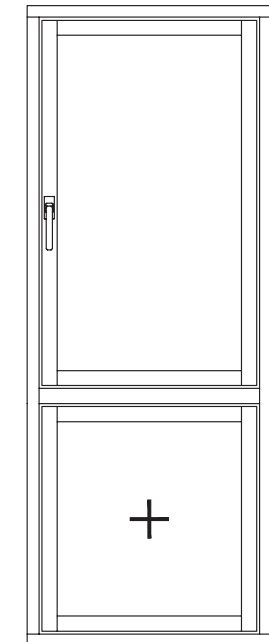
Single-sash opening window with Georgian bars applied to the glazing



Single-sash opening French window with operable fanlight

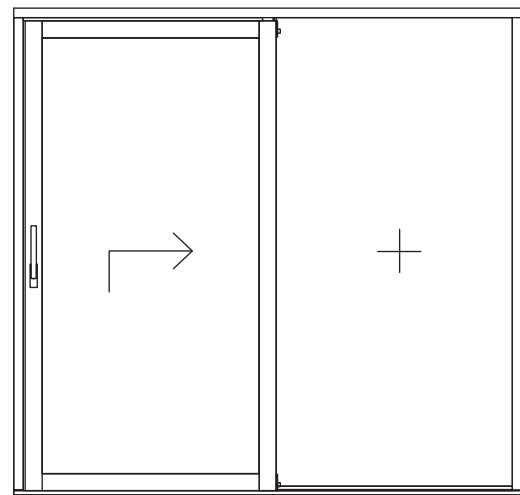


Single-sash opening French window with fixed fanlight

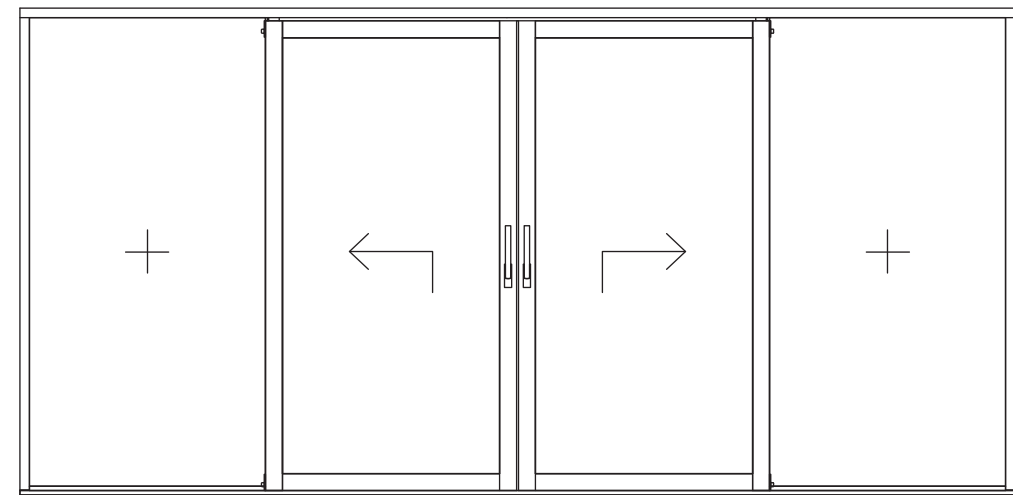


Single-sash opening French window with fixed underlight

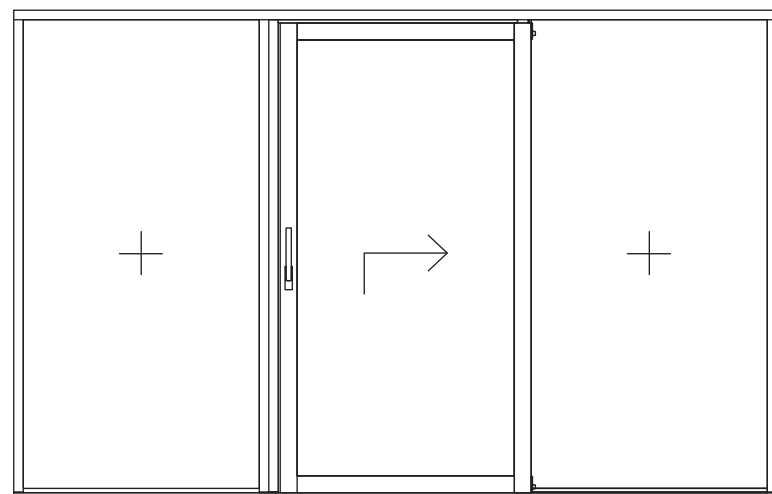
CONFIGURATIONS



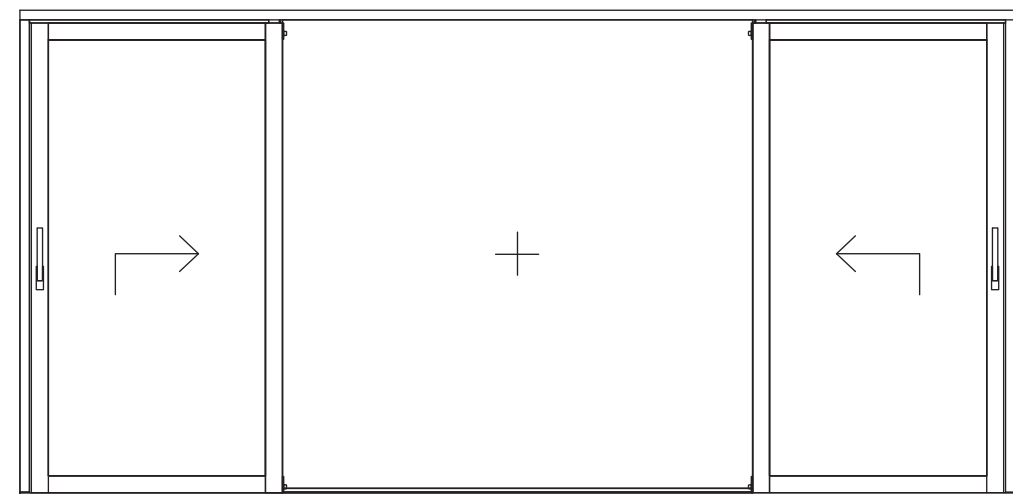
Lift-and-slide
with one sliding sash
and one fixed sidelight



Lift-and-slide
with two central sliding sashes
and fixed sidelights



Lift-and-slide
with one central sliding sash
and fixed sidelights



Lift-and-slide
with two outer sliding sashes
and one fixed centre light



uni_verso: a growth opportunity for your business

uni_verso creates tangible new growth opportunities for window manufacturers.

Its minimalist, industrialised architecture provides straightforward access to high-potential segments such as wood-wood, wood-aluminium and Passive House, without radically reorganising the production structure.

Industrialised white-label supply enables manufacturers to expand their range without sacrificing their brand identity, strengthening market positioning and improving competitiveness.

A system designed to grow, diversify and enhance the product range, with minimal operational impact and maximum strategic return.



Roots display with corner sample
Available with double and triple glazing



uni_verso corner sample
Available in W/A and W/W, with double and triple glazing



Roots totem
Available with window and balcony door



Origini timber finishes sample case

uni_verso

www.uniform.it

uniform
thewindowmotive®