

NOLD

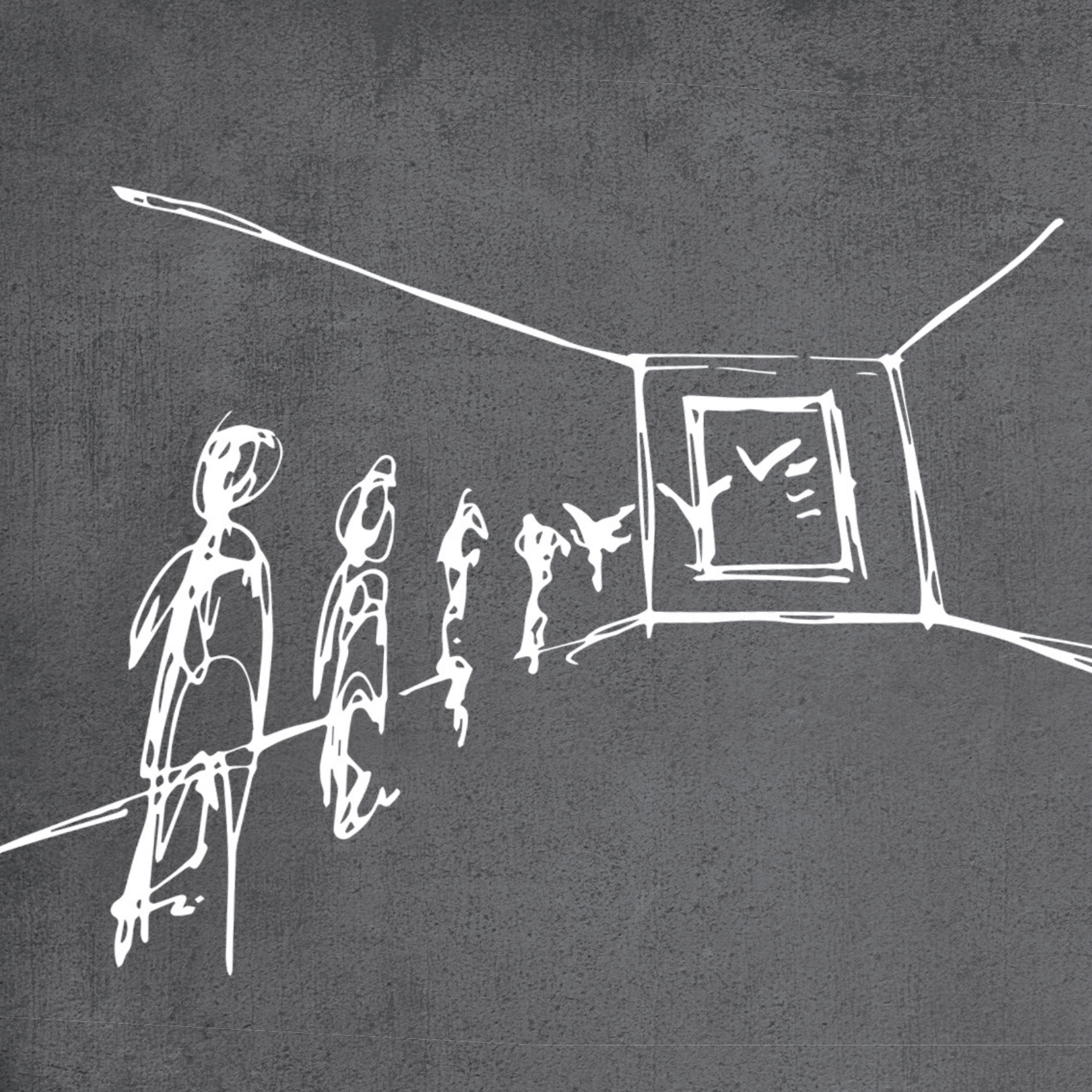
PREMIUM WOOD-ALUMINIUM WINDOWS

magis40

Create,
design,
deliver.

Produced with:
uni_one
TECHNOLOGY

ENG ed. 03/2023



symposium magis40

*The great Architect Hundertwasser in the manifesto «**La Dictature des fenêtres et le droit de fenêtre**» wrote that houses are not made of walls but of windows. «Les uns prétendent que les maisons se composent de murs. Moi, je dis que les maisons se composent de fenêtres».*

When I first saw magis40, the sentence by Hundertwasser immediately sprang to mind.

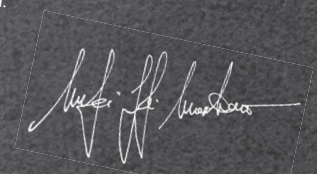
For the first time, after 30 years of designing, observing and studying windows and the way they are displayed at showrooms, I didn't see a window but a wall to be designed, where I could move freely to create, without that disturbance that has always led to compromise in a good furnishing project.

magis40 allows for democratic design of verticalisation of the wall, something that hitherto was not made possible by interior design, calling for obligatory "sealing" with arrogant and bullying windows.

magis40 has knocked down the wall of arrogance in window frames, it has provided the freedom to design beyond light and for light, channelling light itself and making it the key player in interior design.

magis40 allows the designer to play on full and empty, deciding whether to turn the window into the main player or an extra.

The strong ability to combine materials of magis40 and its great technical performance are a winning combination, one of its kind.



Giorgio Massimiliano Marchesi
Art Director

NOLD

PREMIUM WOOD-ALUMINIUM WINDOWS

THREE DECADES OF TRUST AND COMMITMENT

For 30 years, we have built our company on values that stand the test of time – **trust, responsibility, stability, and a commitment to quality**. Throughout these three decades, we have gained invaluable experience, but above all, we have earned the trust of numerous clients and partners with whom we have built long-lasting business relationships.

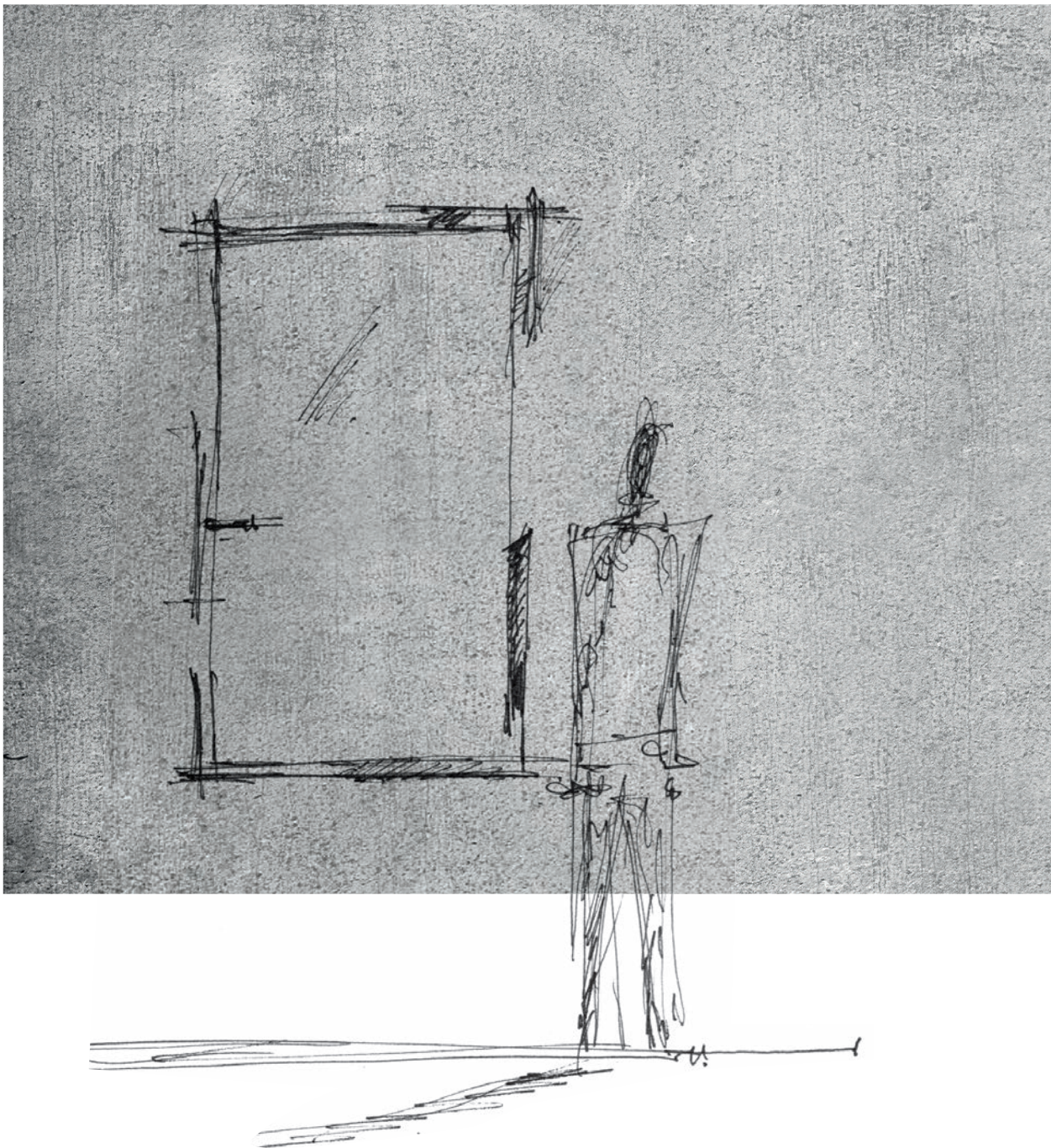
Our work is based on a responsible approach to every project, respect for agreed deadlines and standards, and the continuous improvement of the way we operate. We believe that a successful company is built not only on high-quality products, but also on **fair relationships, reliability, and the willingness to take responsibility for everything we create**.

Today, with the same dedication that has guided us from the very beginning, we continue to improve our business, grow stronger, and lay the foundations for many more years of **trust, successful partnerships, and shared success**.



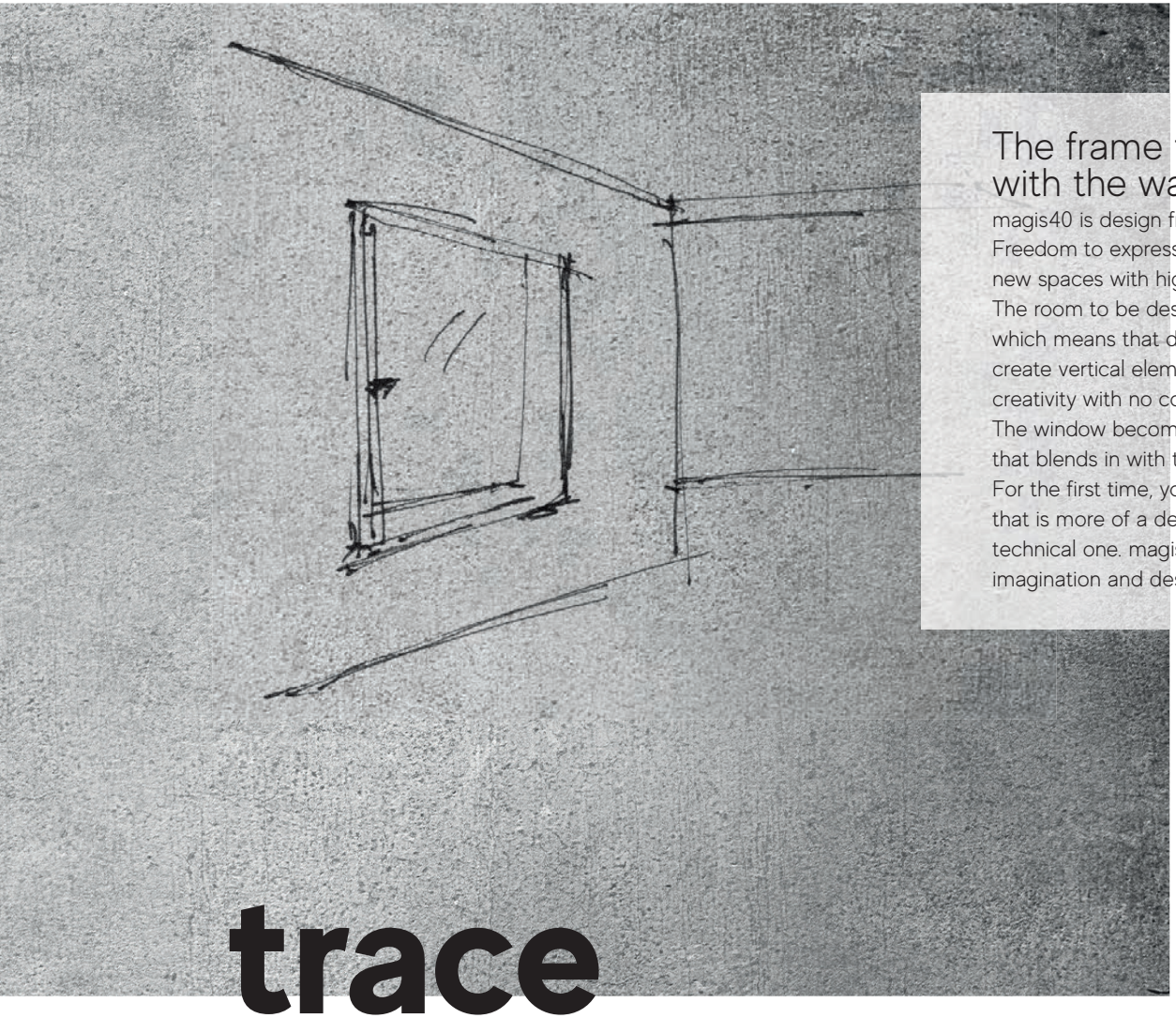
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The frame flush with the wall

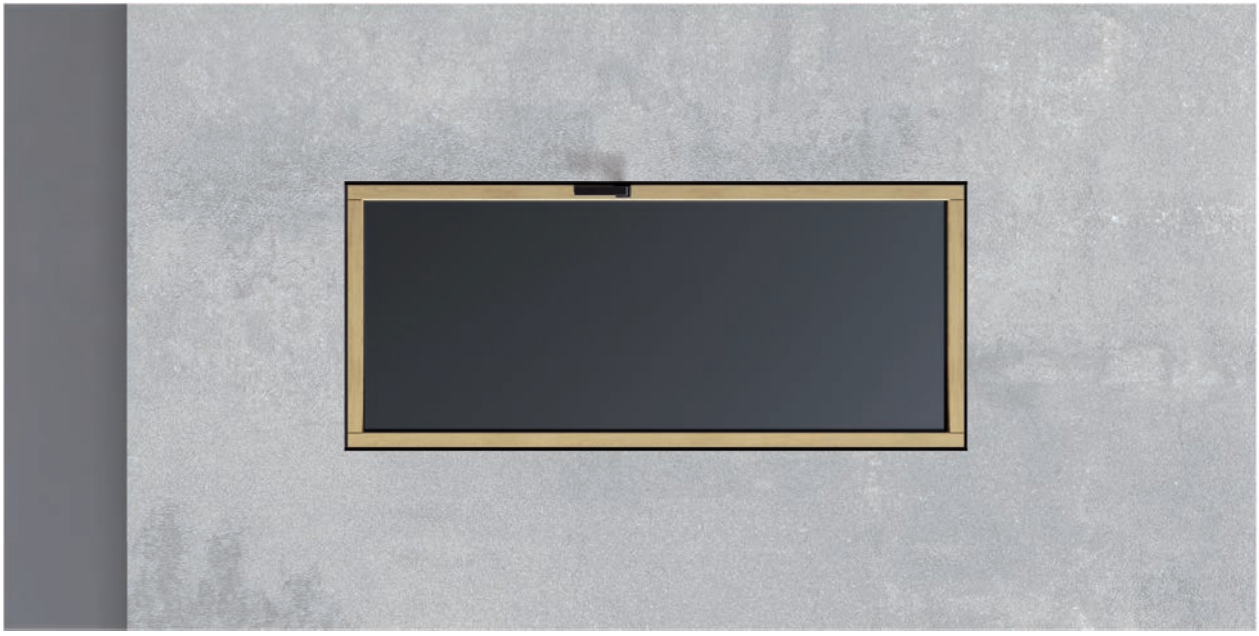
magis40 is design freedom.
Freedom to express yourself and create new spaces with high living comfort.
The room to be designed is not perturbed, which means that designers can freely create vertical elements, expressing their creativity with no constraints.
The window becomes a fluid, subtle object that blends in with the home decor.
For the first time, you can choose a window that is more of a design element than a technical one. magis40 leaves room for imagination and design.

trace

the simplicity of design finds its line

synthesis

an extremely thin window

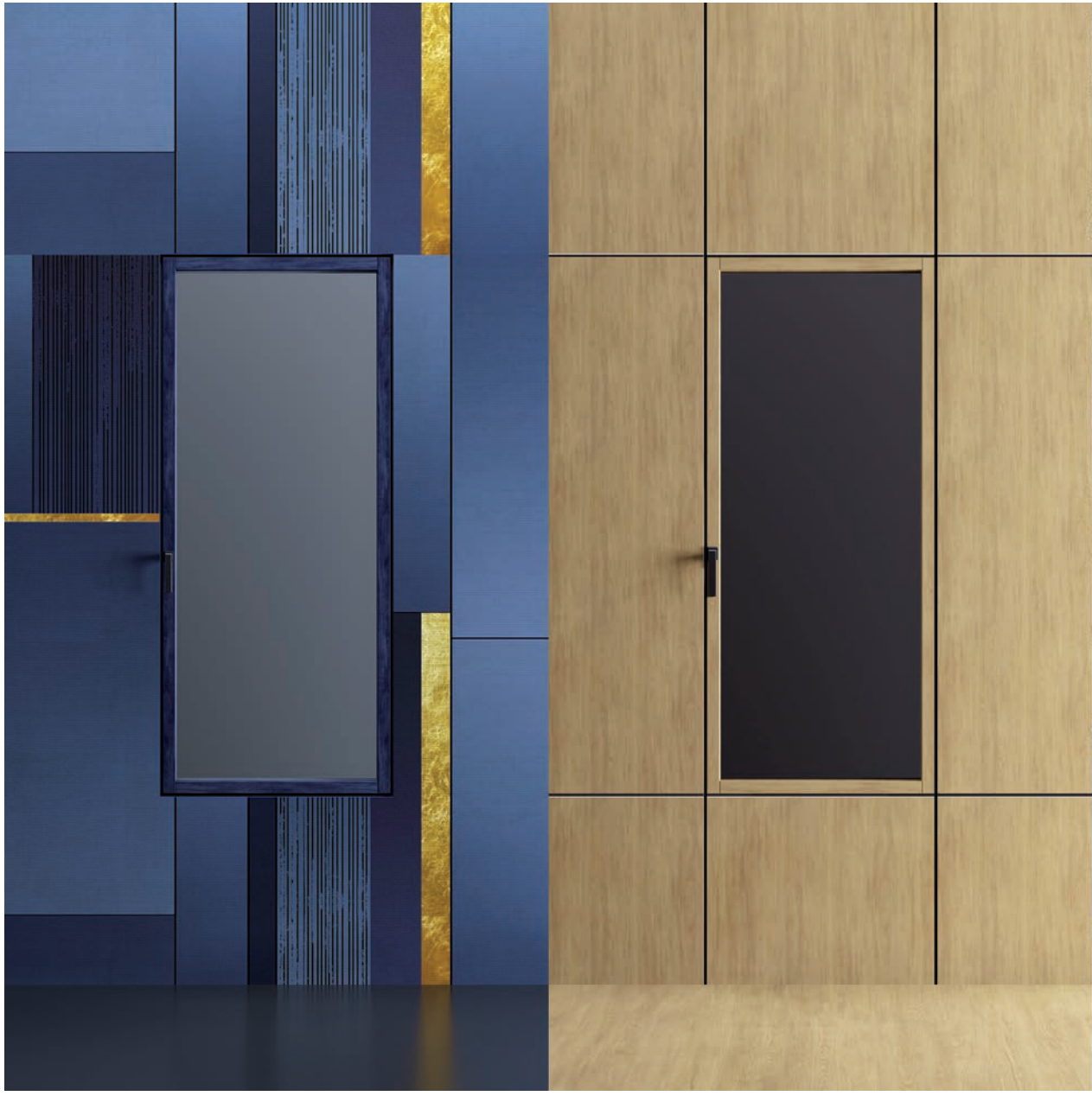




Minimal

With magis40, extreme, slim and elegant design in your toolbox.
Synthesis is at the heart of this line.
Renewed simplicity and functionality that evolve through the pursuit of clean, minimalist shapes combined with the rational use of natural raw materials.
Larger glazed surface, smaller wood section: light is the real star.









outfit

a customised, original look

With magis40, the outfit concept enters the world of windows. magis40 is a concept that stimulates the creativity of designers and window and door manufacturers. A skilful, sophisticated mix that leaves plenty of freedom to interpret, experience and decorate windows with accessories and combinations to suit your style. We have designed our look down to the smallest detail, you can create your favourite outfit.





a conscious choice

nature

Sustainable

magis40 has a core made of glued laminated timber, because, for us, natural materials are always the trend. The glued laminated timber bar optimises the use of trees, without waste. Moreover, the use of eco-friendly, planned reforestation techniques makes the magis40 window a sustainable product.
Wood: natural and technological.





Wood - Aluminium

magis40 has a wooden frame inside, to offer the excellence of nature and, outside, it comes with a protective aluminium shield so as to avoid any kind of maintenance.
A range of windows that remain unchanged over time, both in terms of aesthetics and functionality.



NOLD

the perfect combination

harmony





OUTSIDE VIEW

INSIDE VIEW



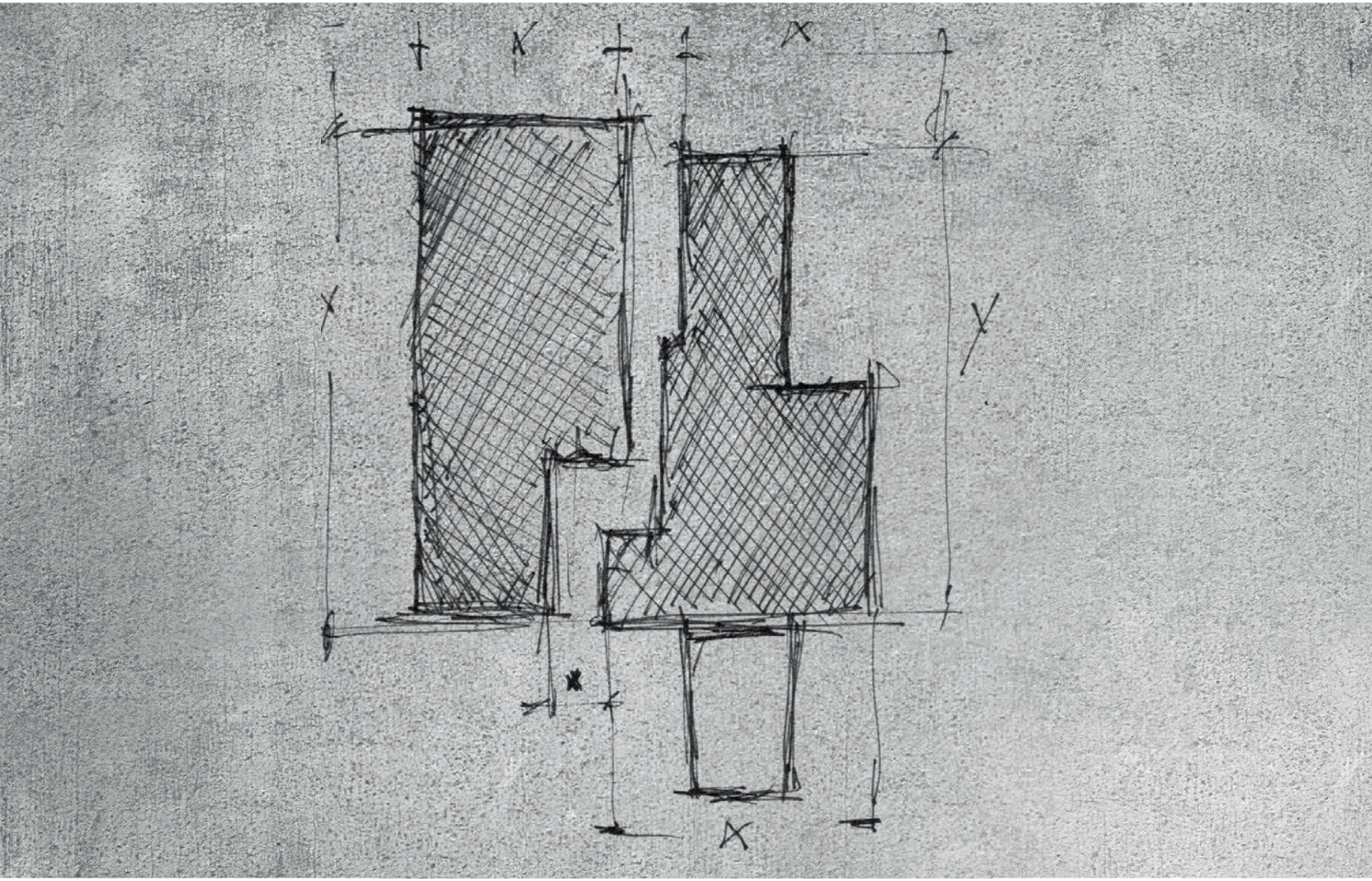
NOLD

Excellent air permeability / water tightness / resistance to wind load

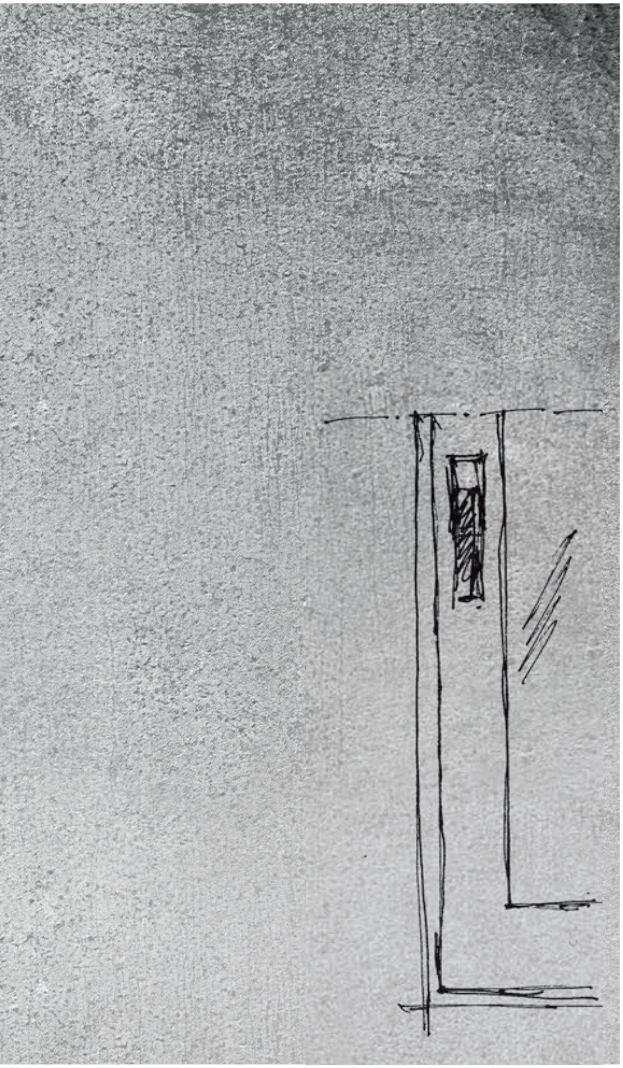
The performance requirements achieved mark an important milestone for minimal windows.
The magis40 window offers the option of inserting different types of glass with different thicknesses, as well as certified installation.

an unprecedented technological challenge

performance







a range of international profiles

solutions

The magis40 programme is highly versatile and is available with different types of opening: open-in & lift-and-slide



OPEN IN

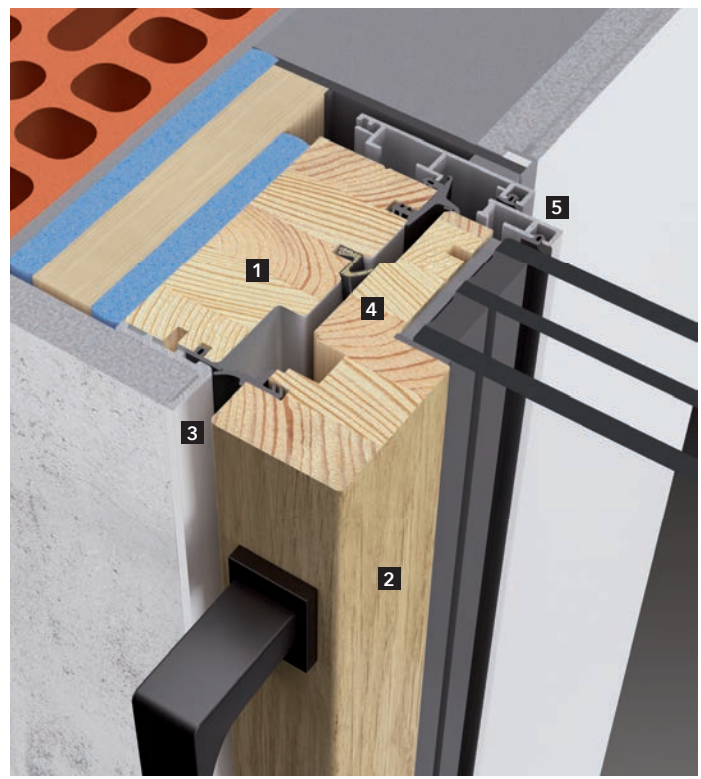


LIFT & SLIDE

open-in model, extreme in size

magis**40**

The latest addition to the uni_one systems, it combines all the features of revolutionary technology in an absolutely trendy window. The exclusive concealed locking system of the fixed elements and the lack of rabbets in the sash, which are both patented elements, highlight the high-tech features of the system for magis40 windows.



1. glued laminated timber
2. ICONA and NATURA finishes
3. aluminium profile for flush installation to the wall
4. sash without physical rabbets
5. aluminium external frames

uni_one
magis40

OPEN IN

DOUBLE GLAZING Uw=**1,1** W/m²K

TRIPLE GLAZING Uw=**0,71** W/m²K

Material	Wood-Aluminium
Thermal insulation	Uw= 1,1 W/m²K
Insulating glass	Double glazing thickness 33mm
Thermal insulation	Uw= 0,71 W/m²K
Insulating glass	Triple glazing thickness 48mm
Thermal insulation	Uw= 0,99 W/m²K
Insulating glass	Triple glazing thickness 48mm
Acoustic insulation	Rw up to 43 dB
Security hardware	Up to RC2

Dimensions in mm.	
Thickness of sash	110,5 x 40mm
Thickness of frame	118,5 x 40mm
Visible section sash + frame	79mm
Visible section middle clamp	89,5mm

Air permeability	CLASS 4
Water tightness	CLASS E1350
Wind load resistance	CLASS C5

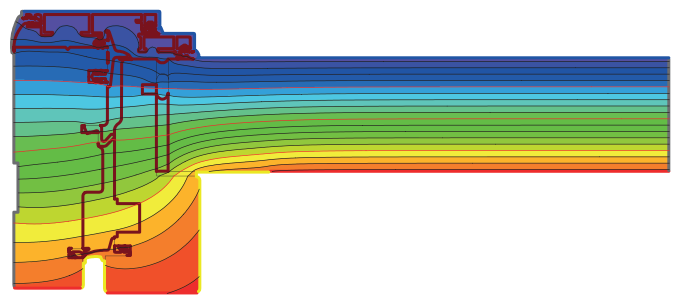
The thermal transmittance values are calculated according to UNI EN 10077/1-2018, UNI EN 10077/2-2018, UNI EN 10456-2008, UNI EN 673-2011 standards, in reference to a window with 1 sash BxH (1500x1500mm, ψg= 0,04 W/mK)

The air-water-wind performance characteristics are certified in reference to a window with 2 sashes WxH (1500x1500mm)

The acoustic insulation values are certified in reference to a window with 2 sashes WxH (1300x1500mm)

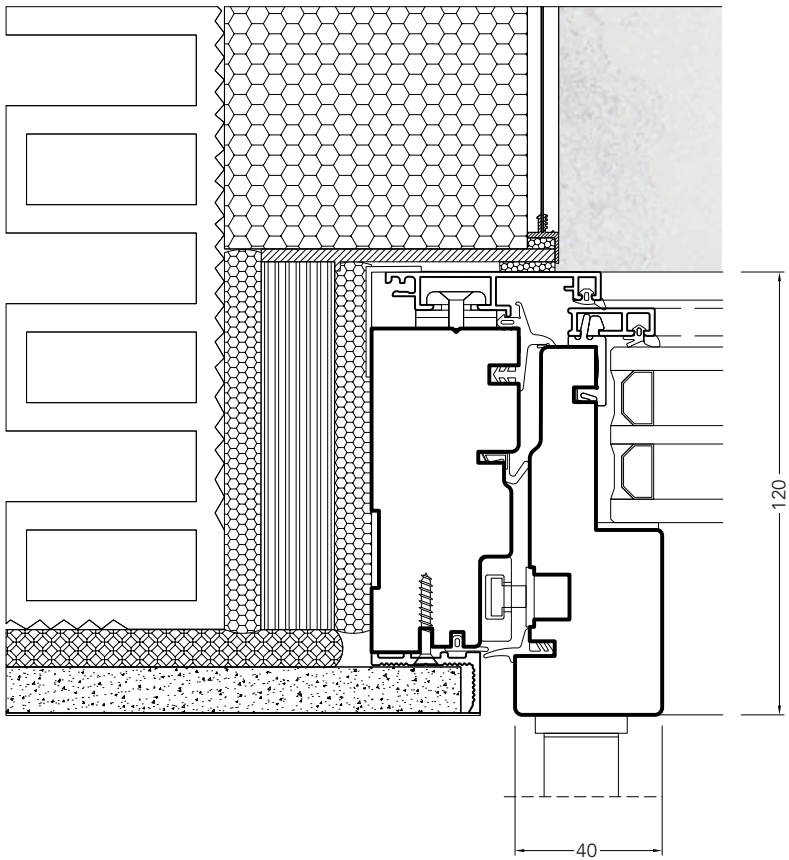
magis40 - 48mm glass
SOFT WOOD
Uf=0,96 W/m²K

Ug W/m²K		**Uw** W/m²K
0,5	-»	0,71
0,6	-»	0,78
0,7	-»	0,86
0,8	-»	0,94
0,9	-»	1,0
1,0	-»	1,1
1,1	-»	1,2



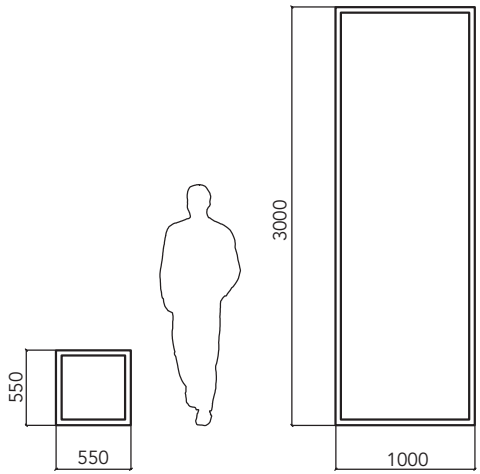
technical section

magis**40**



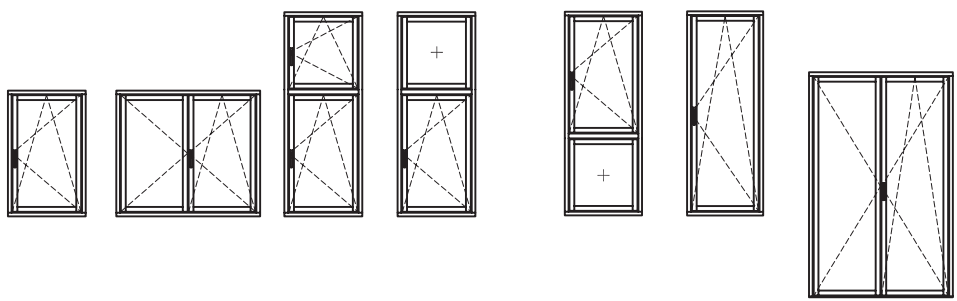
consistency measurements

the consistency measurements are approximate and vary depending on the glass and hardware used



types

some examples of possible configurations



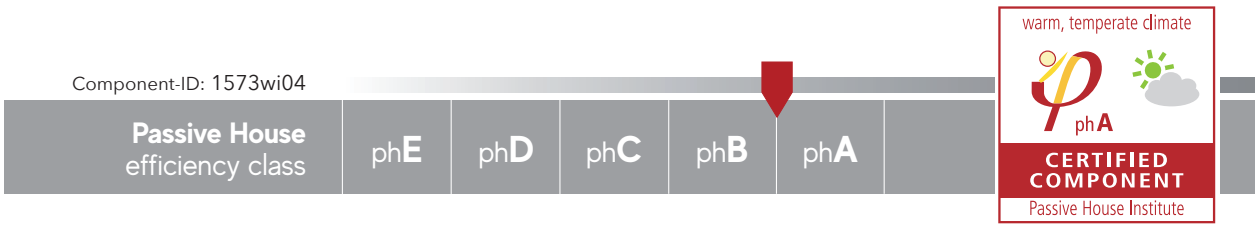
"Congratulations !

You are the first manufacturer to achieve phA-efficiency class for the warm, temperate climate zone"

Technical Dept.
Passive House institute



THE MAGIS40 WINDOW,
OF THE UNI_ONE SYSTEM
by UNIFORM, IS THE FIRST
WINDOW EVER TO ACHIEVE
EFFICIENCY CLASS **phA** IN
WARM AND TEMPERATE
CLIMATE ZONE 4



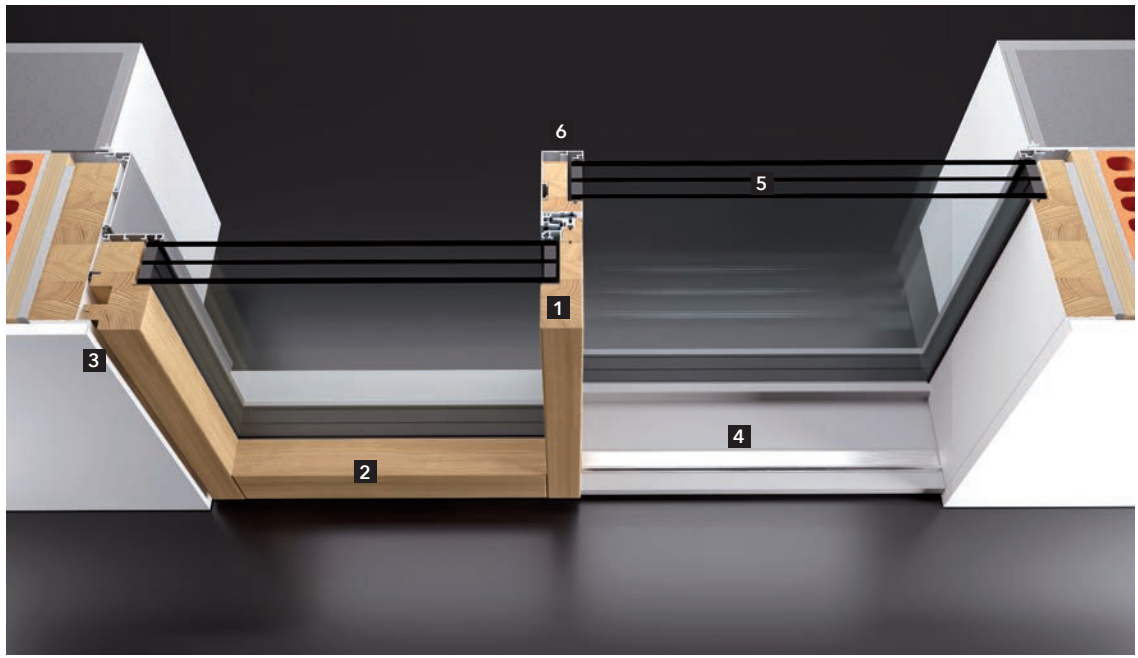
excellent living comfort

passive window

lift and slide model, technological elegance in motion

HS-magis**40**

One of a kind, the HS-magis40 is the lift and slide system that completes the minimalist line of the magis40.
The HS-magis40 Uniform Kit, as with the casement one with the same name, makes it possible to install a window with an exposed section of the sash of only 40mm and a concealed frame flush with the wall.



1 glued laminated timber
2 ICONA and NATURA finishes
3 aluminium profile for flush installation to the wall
4 fiberglass floor threshold
5 fixed glass concealed in the frame
6 aluminium external frames

uni_one

HS-magis40

LIFT & SLIDE

DOUBLE GLAZING Uw=**1,3** W/m²K

TRIPLE GLAZING Uw=**0,85** W/m²K

Material	Wood-Aluminium

Thermal insulation	Uw= 1,3 W/m²K	Uw= 0,85 W/m²K
Insulating glass	Double glazing thickness 32mm	Triple glazing thickness 52mm

Acoustic insulation	Rw 38 dB
Security hardware	Up to RC2

Air permeability	CLASS 4
Water tightness	CLASS 9A
Wind load resistance	CLASS C4/B5
Wind load resistance for heights >=2,4m	CLASS C1/B2

The thermal transmittance values are calculated according to UNI EN 10077/1-2018, UNI EN 10077/2-2018, UNI EN 10456-2008, UNI EN 673-2011 standards, in reference to a lift-sliding door Plan A - WxH (2800x2400mm, ψg= 0,04 W/mK)

The air-water-wind performance characteristics are certified in reference to a lift-sliding door Plan A - WxH (2800x2400mm)

Wind load resistance values for height >=2,4m are certified in reference to a lift-sliding door Plan A - WxH (4000x3200mm)

The acoustic insulation values are certified in reference to a lift-sliding door Plan A - WxH (3560x2960mm) double glazing with Rw= 44 (-2;-7) dB

HS-MAGIS40 - 32mm glass SOFT WOOD

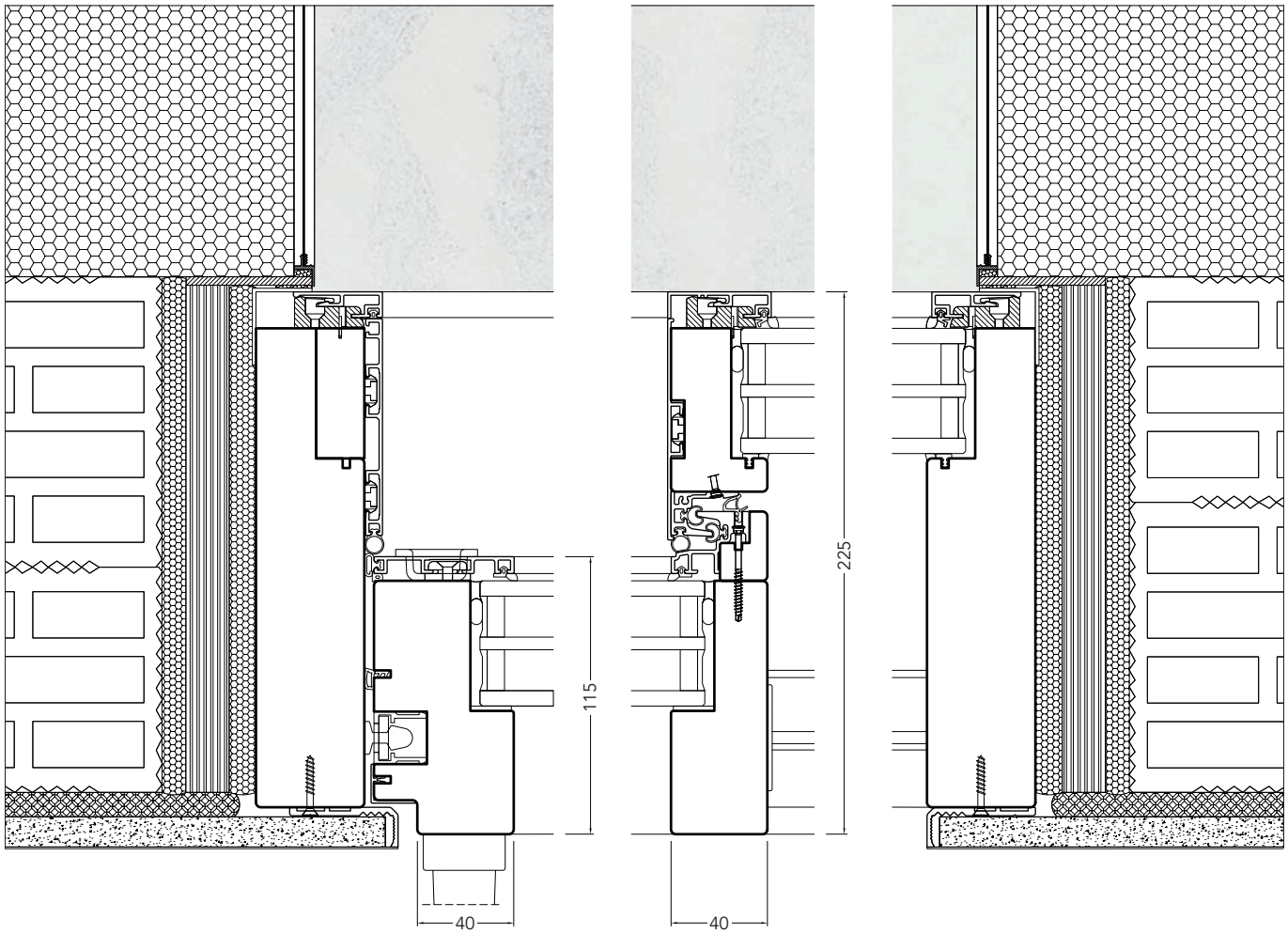
Ug W/m²K		**Uw** W/m²K
1,0	-»	1,3
1,1	-»	1,4
1,2	-»	1,5
1,3	-»	1,6
1,4	-»	1,7
1,5	-»	1,8
1,6	-»	1,8

HS-MAGIS40 - 52mm glass SOFT WOOD

Ug W/m²K		**Uw** W/m²K
0,5	-»	0,85
0,6	-»	0,95
0,7	-»	1,0
0,8	-»	1,1
0,9	-»	1,2
1,0	-»	1,3
1,1	-»	1,4

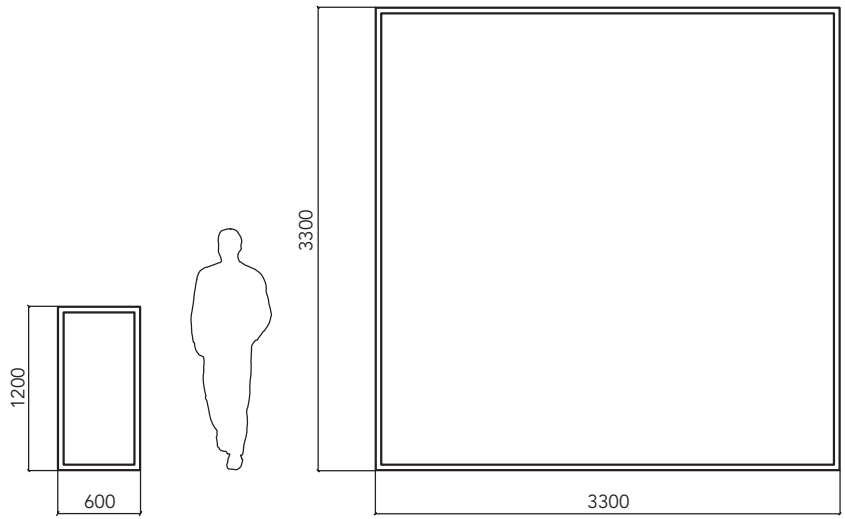
technical section

HS-magis**40**



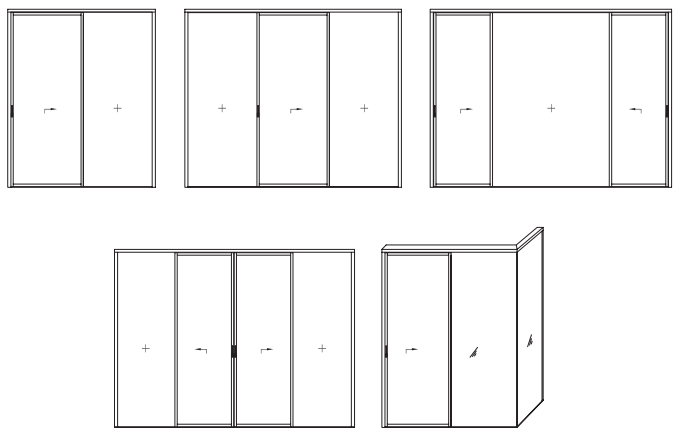
consistency measurements for openable sashes

the consistency measurements are approximate and vary depending on the glass and hardware used



types

some examples of possible configurations



the world's slimmest wood-aluminium window

showroom

Innovation is beautiful on the outside and on the inside.
Discover the quality of Nold d.o.o. windows and the beauty of innovation.

Watch the video and discover the cutting-edge
technology to revolutionise windows.

NOLD

PREMIUM WOOD-ALUMINIUM WINDOWS

NOLD D.O.O. BELGRADE
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Tel: +381 64 13 77 371





NOLD







details
are not
for everyone

handles

For the exclusive magis40 program by uni_one technology, in partnership with “Colombo Design”, we have selected a handle with high technical and aesthetic performance: the magis40 and HS-magis40 DK Zero handle.

An innovative product with a distinctive stylistic signature style, where the almost total absence of space taken up by the washer further enhances the design of the window, actuated by a micro-movement that keeps the functional and usage characteristics unaltered.

COLOMBO DESIGN

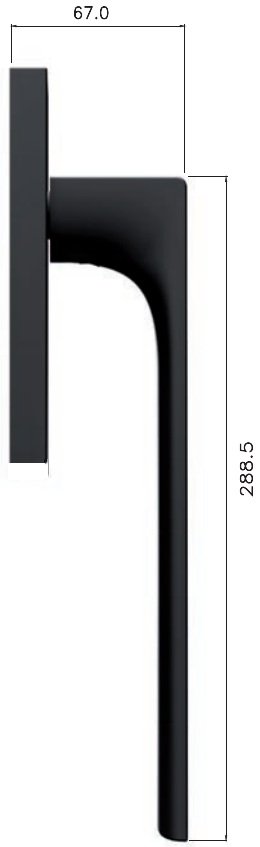




magis40 DK Zero









HS-magis40 DK Zero

the best way
to protect yourself

shading systems

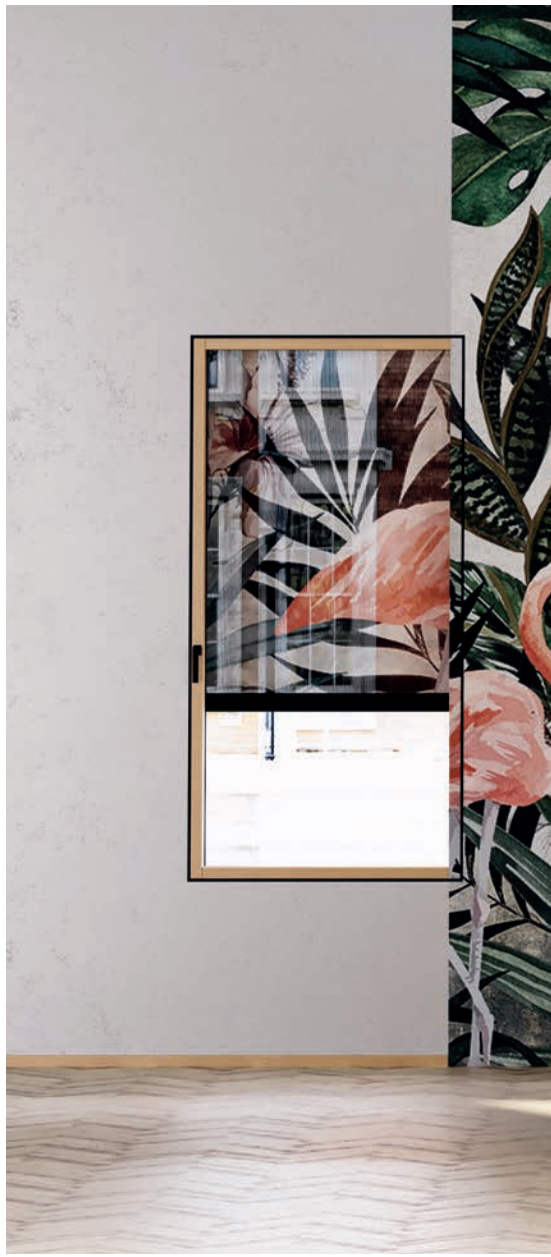
Invisible and concealed

K.ZIP blinds have a basic design with an highly technological core making them perfectly tensioned, wind-resistant and easy to use.

Synergy and innovation

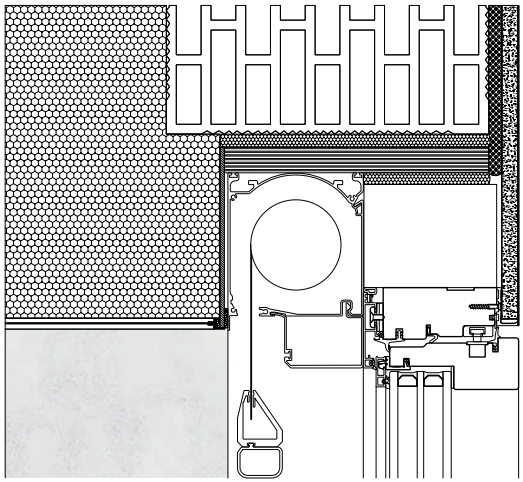
We believe in the power of partnerships and the importance of building synergies with Italian companies that stand out for quality and innovation.
We have chosen “Palagina” as a leading partner to promote sophisticated and unique products.

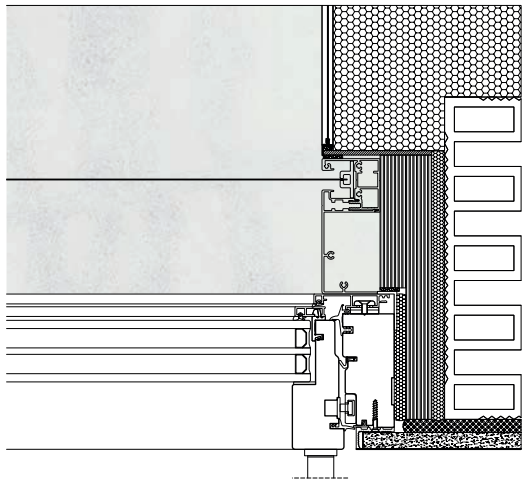
PALAGINA

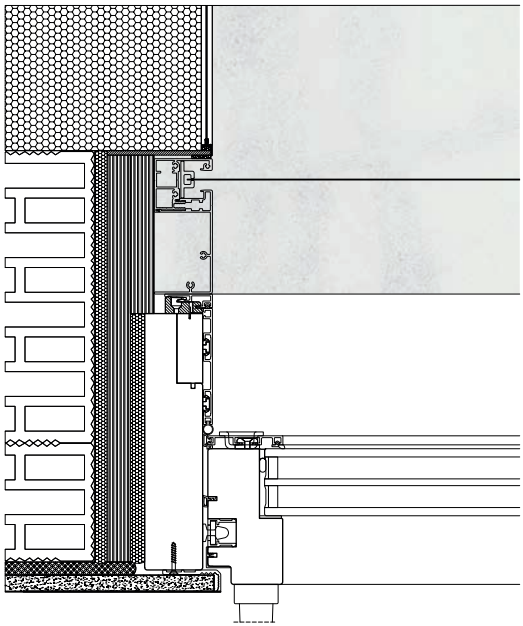


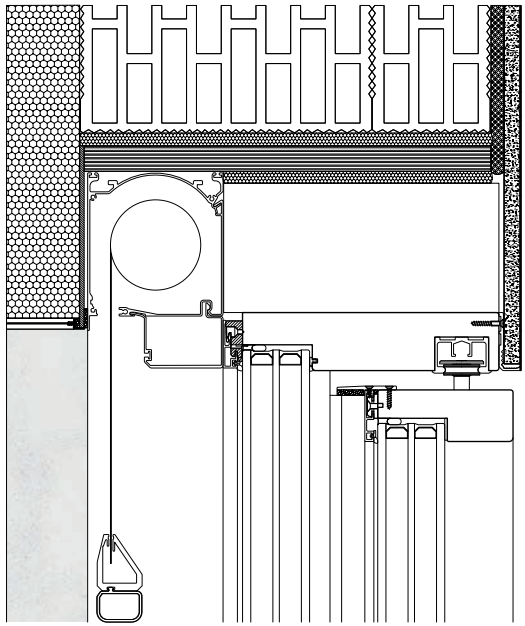














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200-230_01.06 15>19 design&comunication

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