



WINDOWS

Highlights of Architecture
2016/17

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3RD GENERATION (f.l.t.r)
Mag. Christian Klinger
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DI (FH) Stephan Kubinger, MBA

EUROPE'S
NO. 1 WINDOW BRAND

WE ARE A STRONG FAMILY BUSINESS!

Internorm has been a family business for 85 years having developed from a one-man blacksmith's shop to the largest internationally active window brand.

During this time we have manufactured over 22 million window and door units, all 100% made in our production facilities in Traun, Sarleinsbach and Lannach. From the creation of the UPVC window and the production of the timber/aluminium window to today's high tech and ultra-modern design innovations, our family company has been setting standards all over Europe. We are pioneers in our field and continue to further develop technology and innovative ideas.

Our staff, of over 1800 employees across Europe, are specialists who thrive on attention to detail and act with passion and integrity. Together with more than 1300 distribution partners in 22 countries we guarantee perfect product quality and the highest levels of service.

- Internorm manufacturing sites (production exclusively in Austria)
- Internorm offices
- Internorm distribution partners



www.internorm.com

Design Styles

Highlights of architecture



studio

Follows a very clear line in its design. This style with its cutting edge shapes and diminished appearance gives a contemporary and unconventional feel.



home pure

Meets the demands for a modern and straight-lined style creating bright living environments.



home soft

Feels friendly and cozy and offers many design varieties – from elegant to playful.



ambiente

Stands out with its traditional shapes – timeless classical and elegant. Its composition is elaborately designed and conveys a homely feel.

WINDOWS AND DOORS FOR YOUR DREAM HOUSE

Architecture is as diverse as the people who live in it. The style of a house is not only shaped by building design, especially windows and doors also underline its character considerably.

You can fulfill your personal idea of living with Internorm windows and doors. Internorm is offering you a suitable solution.

To help you find the window and door solutions which fulfill exactly your requirements for architecture, design and comfort among the multitude of possibilities in shape, colour and material, you can choose from the different Internorm design styles: [studio](#), [home pure](#), [home soft](#) and [ambiente](#).



studio



UPVC WINDOWS



KF 220



KF 500



KF 410



KF 200



KF 410



KF 200



KF 410

UPVC/ALUMINIUM WINDOWS



KF 220



KF 410



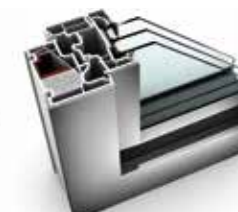
KF 500



KV 440



KF 200



KF 410



KF 500



KV 240



KV 440



KF 200



KF 410



KV 440



KF 200



KF 410



KV 440



home pure



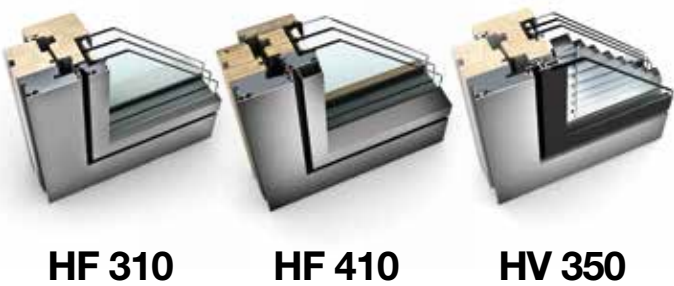
home soft



ambiente



TIMBER AND TIMBER/ALUMINIUM WINDOWS



HF 310

HF 410

HV 350



HF 100

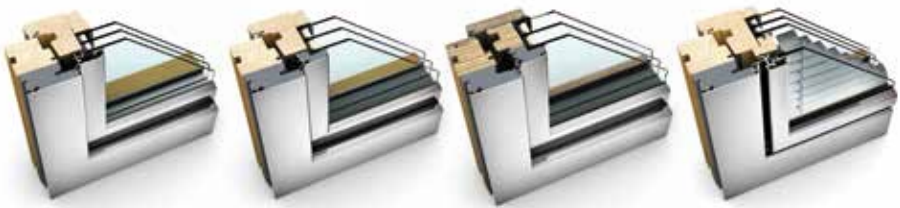
HF 110

HF 210

HF 310

HF 410

HV 350



HF 210

HF 310

HF 410

HV 350



HF 100

HF 110

HF 210

HF 310

HF 410

HV 350

TIMBER/ALUMINIUM ENTRANCE DOORS



HT 410

studio



HT 400

home pure

home soft

ambiente

ALUMINIUM ENTRANCE DOORS



AT 410

studio



AT 400

home pure

home soft

ambiente



AT 310

home pure

home soft

ambiente



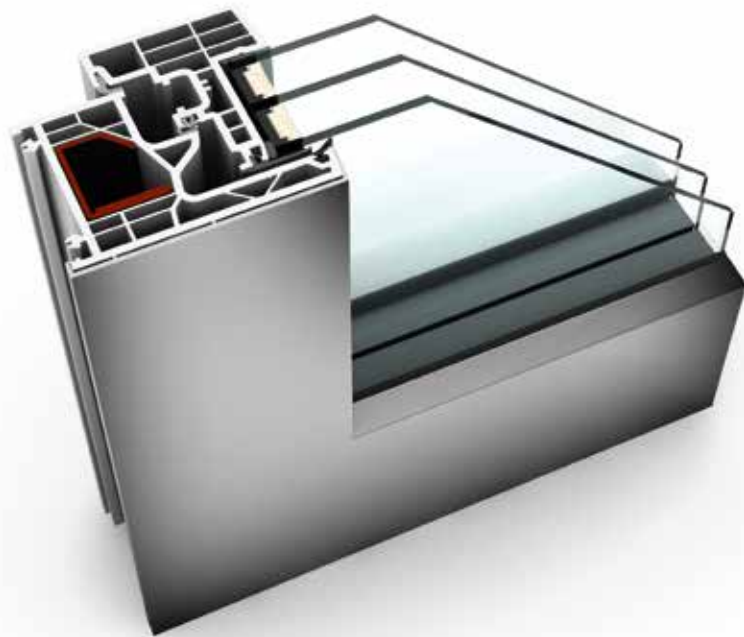
AT 200

home pure

home soft

ambiente

KF 220 UPVC & UPVC/ALUMINIUM WINDOW



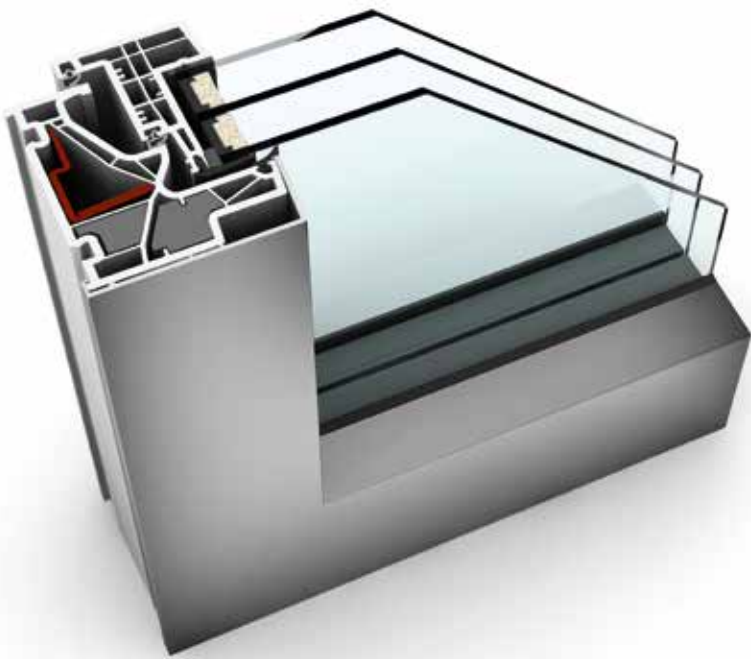
studio

PROPERTIES

Thermal insulation (in W/m²K)		U _w as low as 0.67
Sound reduction (in dB)		up to 43
Security		RC1, RC2
Locking		concealed
Construction depth (in mm)		68/71
Design style		studio

I-tec Glazing

KF 500 UPVC & UPVC/ALUMINIUM WINDOW



studio

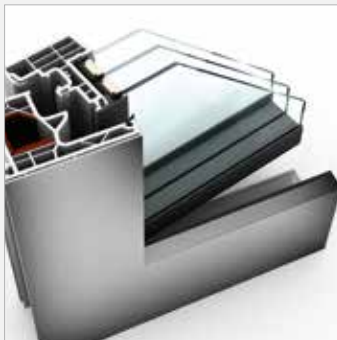
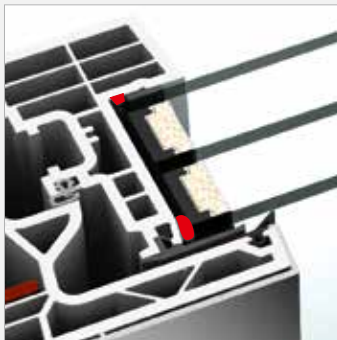
PROPERTIES

Thermal insulation (in W/m²K)		U _w as low as 0.61
Sound reduction (in dB)		up to 46
Security		RC2
Locking		fully integrated
Construction depth (in mm)		93
Design styles		studio home pure

I-tec Locking

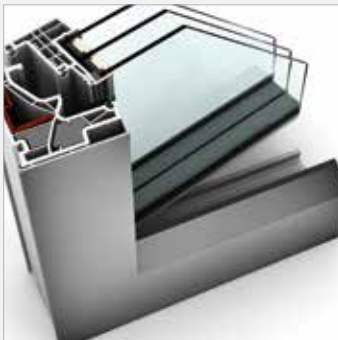
I-tec Ventilation

I-tec Glazing



KF 220

The innovative glass sash of the KF 220 gives the impression of fixed glazing, nevertheless it is an openable window. Whether in the classic white UPVC version or with aluminium attachment clad, the narrow, square-edged window frame underlines the reduced architecture of the design style studio. Three-sided rendering of the frame fulfills your dreams of almost frameless glass architecture. I-tec glazing ensures excellent stability, thermal insulation and security by all around glueing of the glass pane.



KF 500

KF 500 combines innovative design and technical know-how. The window sash is not visible from the outside due to its glass appearance and cannot be distinguished optically from fixed glazing. This sash also conceals the revolutionary I-tec locking which renders levering of the window impossible, unrivalled in the branch. Integrated flaps push on to the frame interior on all sides when locking and therefore offer maximum burglary protection. KF 500 can additionally be equipped with I-tec ventilation, a ventilation system integrated into the window frame.

KF 410 UPVC & UPVC/ALUMINIUM WINDOW



PROPERTIES

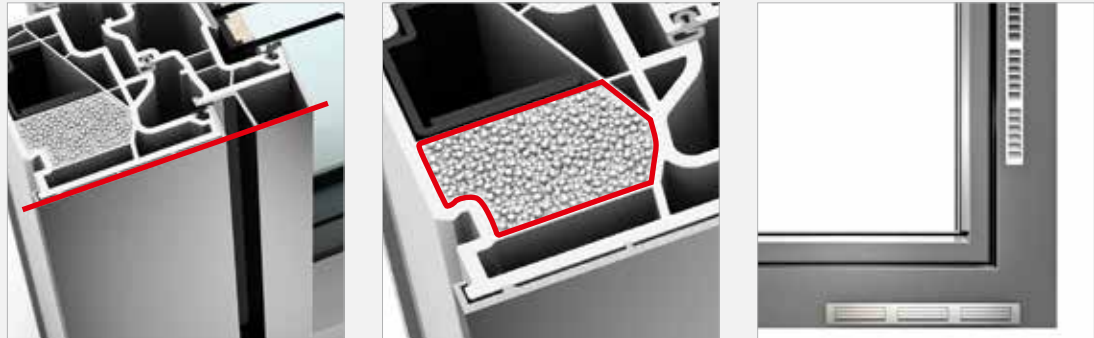
Thermal insulation (in W/m²K)		U _w as low as 0.62
Sound reduction (in dB)		up to 45
Security		RC1, RC2
Locking		concealed
Construction depth (in mm)		93
Design styles		studio home pure home soft ambiente

I-tec Glazing **I-tec Insulation**
I-tec Ventilation

studio

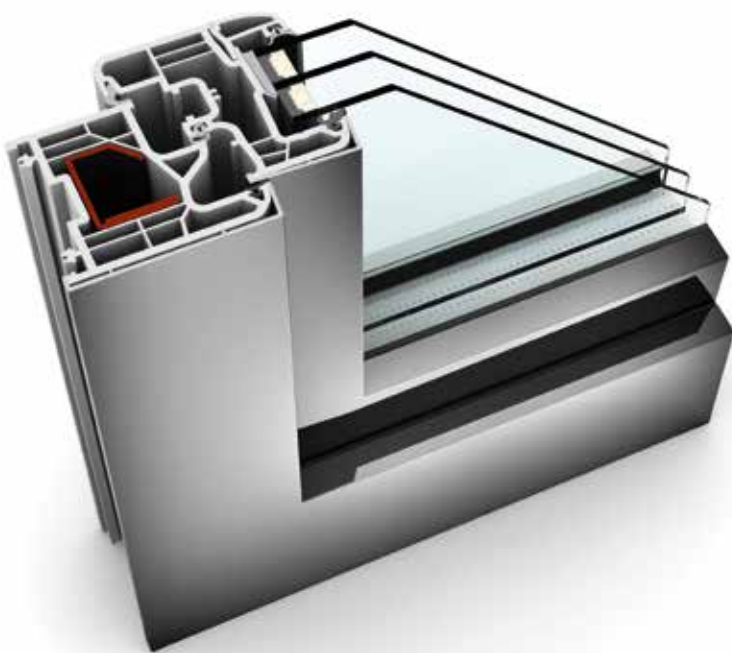


Passive house certified
in the standard version



KF 410
The completely flush transition of frame and sash combines KF 410 to one unit. Once the frame is rendered into the brickwork on three sides, only the narrow, square-edged sash frame remains visible. The frame is insulated gapless through the new insulation technology and thermal insulation is considerably improved. Technological advance concerning airing is provided by the I-tec ventilation. The ventilation system which is integrated in the frame ensures sufficient fresh air and perfect room climate 24/7.

KF 200 UPVC & UPVC/ALUMINIUM WINDOW

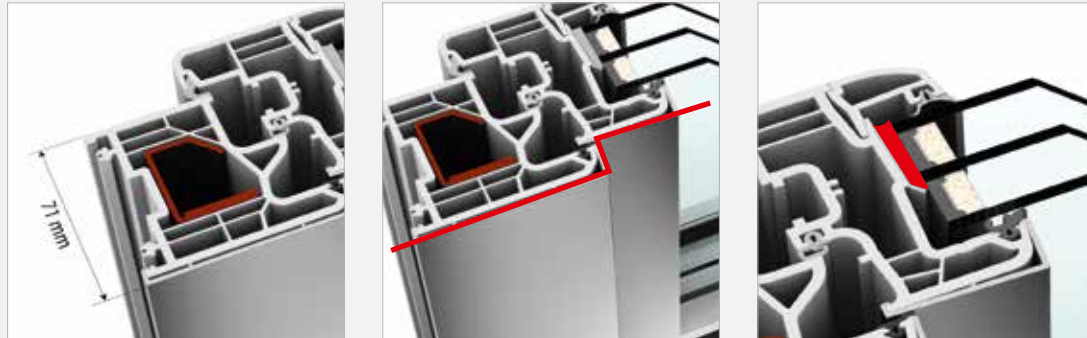


PROPERTIES

Thermal insulation (in W/m²K)		U _w as low as 0.74
Sound reduction (in dB)		up to 45
Security		RC1, RC2
Locking		exposed
Construction depth (in mm)		71
Design styles		home pure home soft ambiente

I-tec Glazing

home pure








KF 200
KF 200 with a construction depth of 71 mm belongs to the slimline windows on the market. The aluminium clad on the outside is not only square-edged and straight-lined, it can also be designed in many colours. I-tec glazing ensures excellent stability, burglary protection as well as thermal insulation and sound reduction. Here, the glass pane is glued to the window frame without any gaps. This innovative technology is available as standard with all Internorm windows.

KV 240 UPVC/ALUMINIUM WINDOW WITH INTEGRATED BLIND



PROPERTIES

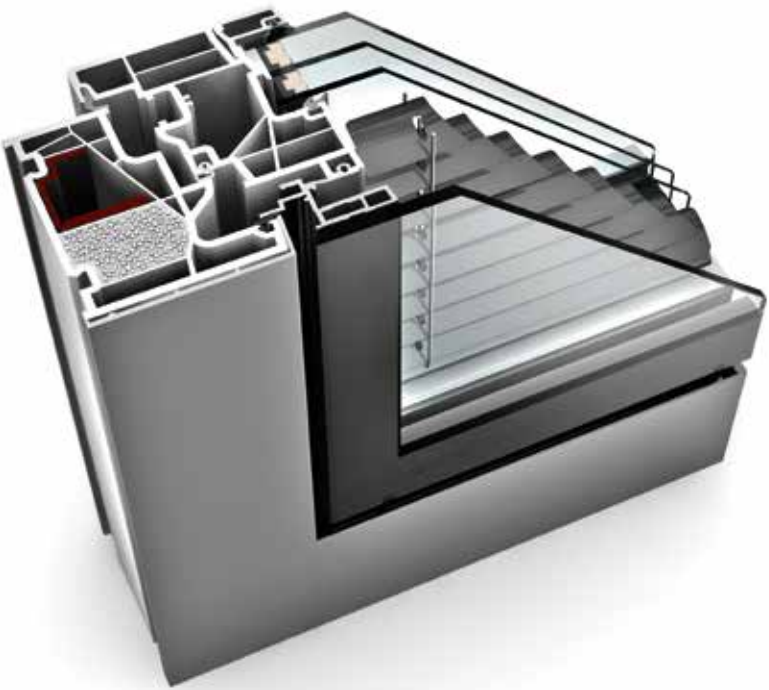
Thermal insulation (in W/m²K)		U _w as low as 0.80
Sound reduction (in dB)		up to 45
Security		RC1, RC2
Locking		exposed
Construction depth (in mm)		71
Design style		home pure

home pure






I-tec Glazing

I-tec Shading

KV 440 UPVC/ALUMINIUM WINDOW WITH INTEGRATED BLIND



PROPERTIES

Thermal insulation (in W/m²K)		U _w as low as 0.64
Sound reduction (in dB)		up to 45
Security		RC1, RC2
Locking		concealed
Construction depth (in mm)		93
Design styles		studio home pure home soft ambiente

studio



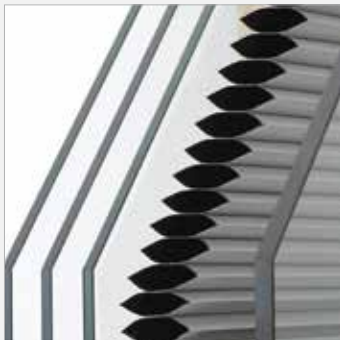
Passive house certified
in the standard version

I-tec Glazing

I-tec Ventilation

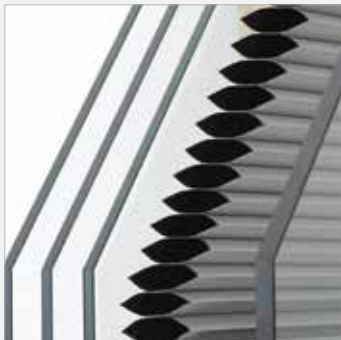
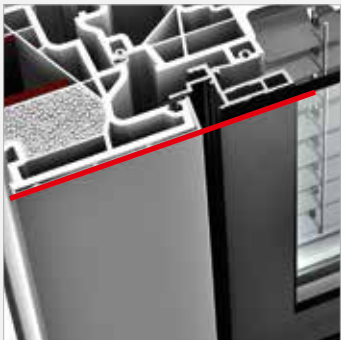
I-tec Shading

I-tec Insulation



KV 240

More light in spite of sun protection? No contradiction for the KV 240. The sun and privacy protection is already fitted between the panes in this flush window and offers quadruple protection with best thermal insulation and sound reduction values all in one window. Besides blinds or Venetian blinds, Duette blinds offer absolute privacy. Additionally, I-tec shading can be controlled without external power source due to the photovoltaic module and can be conveniently operated via the I-tec Smart Window App from your tablet or Smartphone.



KV 440

The window with integrated blinds KV 440, also offers all around comfort besides flush design. Sun and privacy protection is integrated between the panes and therefore protected from dirt. Tedious cleaning of individual slats is a thing of the past. I-tec shading also offers many advantages when it comes to operation. The sun protection can be controlled via photovoltaic module and batteries and does not need any external power source. I-tec SmartWindow enables convenient operation via your tablet or Smartphone.



ORDERLY ARRANGED CUBES

The individual building elements open up towards the south and thus create orderly, spacious inside and outside areas. Much glass ensures transparency.

Detached house (A); windows KF 500; entrance door AT 410



HF 210 TIMBER/ALUMINIUM WINDOW



home pure

PROPERTIES

Thermal insulation (in W/m²K)		U _w as low as 0.67
Sound reduction (in dB)		up to 46
Security		RC2
Locking		concealed
Construction depth (in mm)		85
Design styles		home pure home soft ambiente

I-tec Glazing

HF 310 TIMBER/ALUMINIUM WINDOW



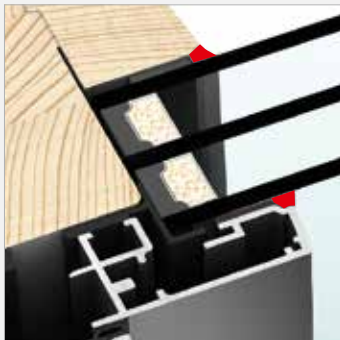
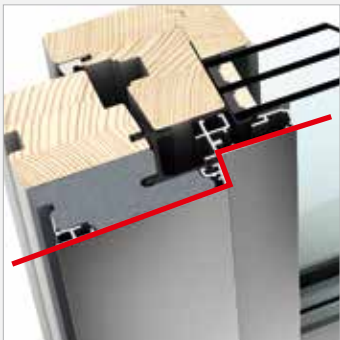
TU
Graz
PASSIVHAUSTAUGLICH
NACH RICHTLINIE WAYS 8
Passive house
certified

studio

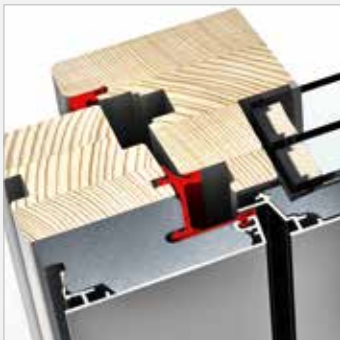
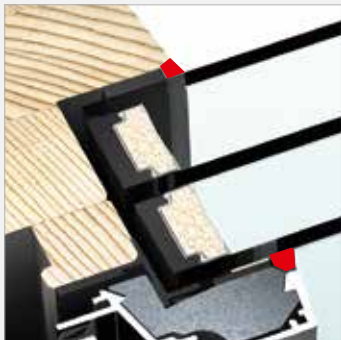
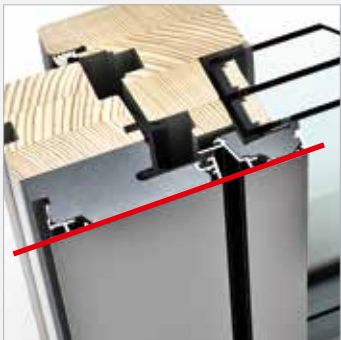
PROPERTIES

Thermal insulation (in W/m²K)		U _w as low as 0.62
Sound reduction (in dB)		up to 46
Security		RC2
Locking		concealed
Construction depth (in mm)		85
Design styles		studio home pure home soft ambiente

I-tec Glazing



HF 210
Paint rollers for windows have been struck off the roll – due to the aluminium attachment clad which protects the timber from weather conditions. The square-edged aluminium profiles of frames and windows can be designed in many colours and facilitate countless design possibilities of the exterior facade. I-tec glazing, the gapless all around glueing of the glass pane, offers excellent stability, burglary protection as well as thermal insulation and sound reduction. Concealed hardware on the inside of HF 210 ensures a continuous, comfortable timber surface.



HF 310
Timber, aluminium and highly insulating thermal foam in between – this is a promising combination. Excellent thermal insulation values, beautiful, natural timber refined with discreet paints and weather-resistant aluminium on the outside render the HF 310 the absolute classic among the timber/aluminium windows. Due to the same, flush design of the aluminium clad, HF 310 can be combined with UPVC window KF 410. All around glueing of the glass pane (I-tec glazing) ensures excellent stability and burglary protection. Three continuous gaskets protect the interior area from the wet.

HF 410 TIMBER/ALUMINIUM WINDOW



studio

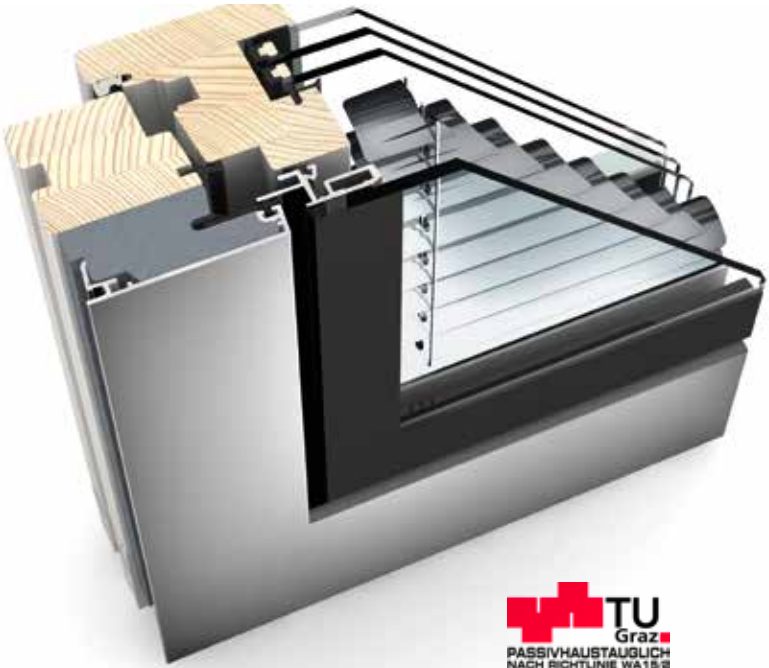
PROPERTIES

Thermal insulation (in W/m²K)		U _w as low as 0.64
Sound reduction (in dB)		up to 46
Locking		concealed
Construction depth (in mm)		85
Design styles		studio home pure home soft ambiente

I-tec Glazing

I-tec Core

HV 350 TIMBER/ALUMINIUM WINDOW WITH INTEGRATED BLIND



studio

PROPERTIES

Thermal insulation (in W/m²K)		U _w as low as 0.60
Sound reduction (in dB)		up to 47
Security		RC2
Locking		concealed
Construction depth (in mm)		85
Design styles		studio home pure home soft ambiente

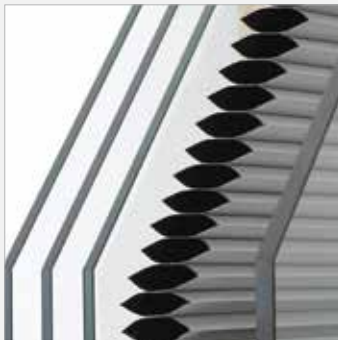
I-tec Glazing

I-tec Shading



NEW

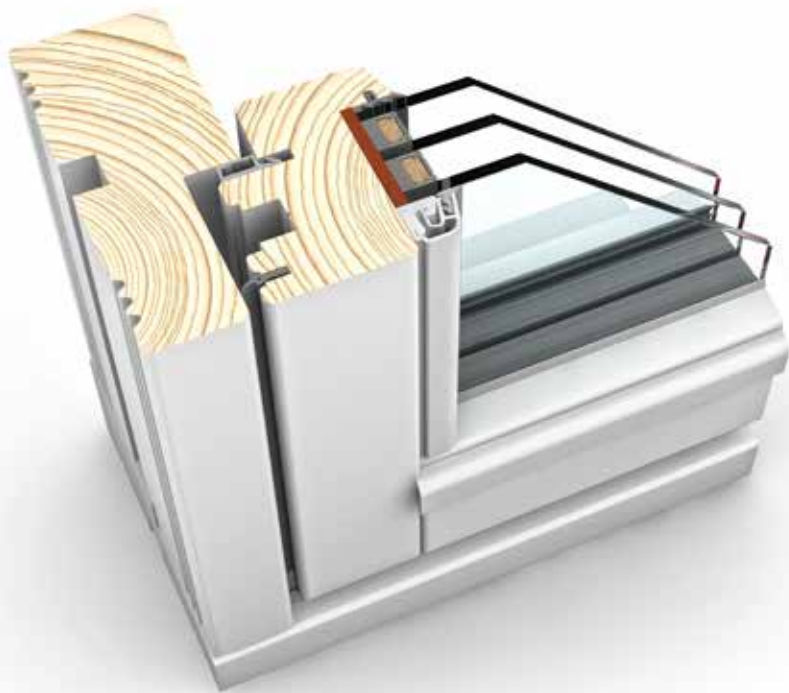
HF 410
Sustained materials and colours of the interior decoration underline your minimalistic living style and bring unusual individual items into the foreground. HF 410 adapts perfectly to your interior design. Different colours and timber types offer you countless possibilities in your individual colour design of your interior spaces. Grey Oak as interior colour corresponds to the modern living style with clear shapes, plain materials and discreet colours. Made to order, openable and fixed glazed windows can be integrated to large areas.



HV 350
The sun and privacy protection integrates harmonically into this flush window and offers quadruple protection all in one window with excellent thermal insulation and sound reduction values. Blinds, Venetian blinds or Duette® blinds are situated between the panes and therefore protected from dirt. The energy self-sufficient I-tec shading does not require any external power source due to the photovoltaic module and batteries. Integrated automatic functions such as day/night recognition and intelligent heat protection can be activated in a simple way. Operation from your tablet or Smartphone via I-tec Smart Window is also available.

HF 100

TIMBER WINDOW

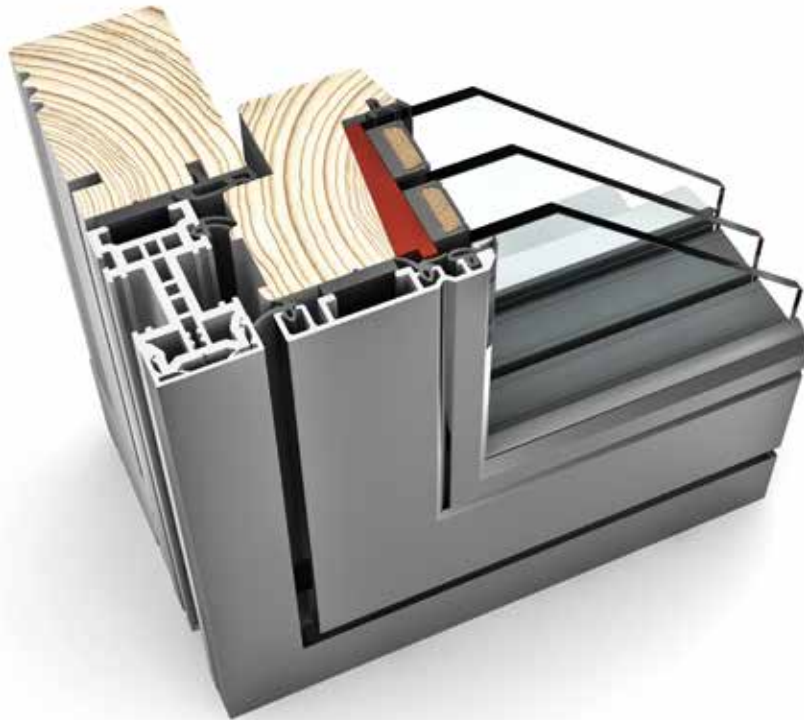


PROPERTIES		
	Thermal insulation (in W/m²K)	U _w as low as 1.00
	Sound reduction (in dB)	up to 38
	Construction depth (in mm)	120
Design styles		home pure ambiente

home pure

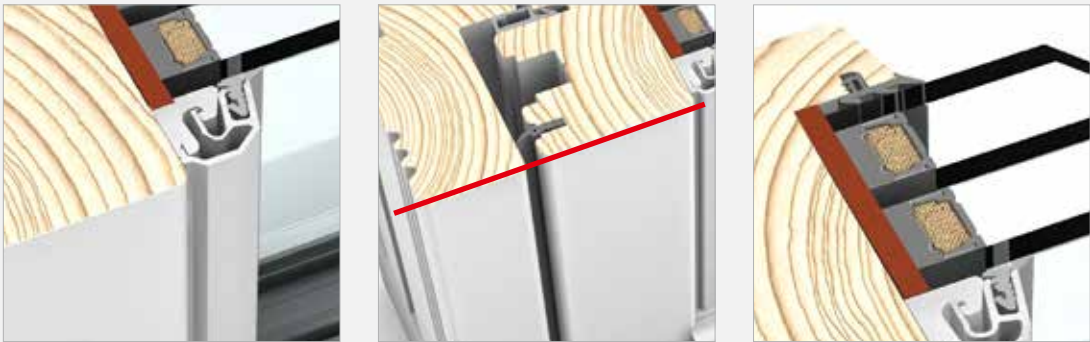
HF 110

TIMBER/ALUMINIUM WINDOW



PROPERTIES		
	Thermal insulation (in W/m²K)	U _w as low as 0.78
	Sound reduction (in dB)	up to 42
	Construction depth (in mm)	120
Design styles		home pure ambiente

home pure



HF 100
This timber only window uses highly finger-jointed and largely knot-free heartwood, which lifts the product to a higher level. Finger-jointed timber ensures that there will be negligible warping or movement of the timber that could compromise the windows over the lifespan of the product. The pine itself comes from slow-growing Scandinavian forests. Solid oak is also available as an extra-cost option. These windows are outwards opening with the possibility of top guided, side guided or fully reversible. Double or triple glazing is available for highest energy efficiency; HF 100 with triple glazing is especially suitable for low energy buildings.



HF 110
The outside of the window frame and sash is clad with aluminium and powder-coated in the colour of your choice. This provides a tough, easy-clean finish which can last a lifetime with just a little simple maintenance. The middle of the window frame is made of 100% composite, one of the best insulating materials. Finally, to round up the perfect combination, the inside of the window is solid timber, which provides a beautiful, warm and natural appearance enhancing your home, and can be painted in any RAL colour. HF 110 are outwards opening windows with the possibilities of top guided, side guided or fully reversible. Double or triple glazing is available for highest energy efficiency. HF 110 is especially suitable for low energy or passive houses.



CLEAR LINES

Due to the structured and spatially arranged logic, the windows integrate well into the plain cube and create a relaxing appearance.

Detached house (A); windows HF 310



AT 410 ALUMINIUM ENTRANCE DOOR

COMPLETE IN FORM – FLUSH DESIGN IN PERFECTION





The flush design of frame and door leaf is perfected through concealed hardware, level key hole cover plates, sunken recessed handles and heavy duty joiners as well as flat glass surrounds.

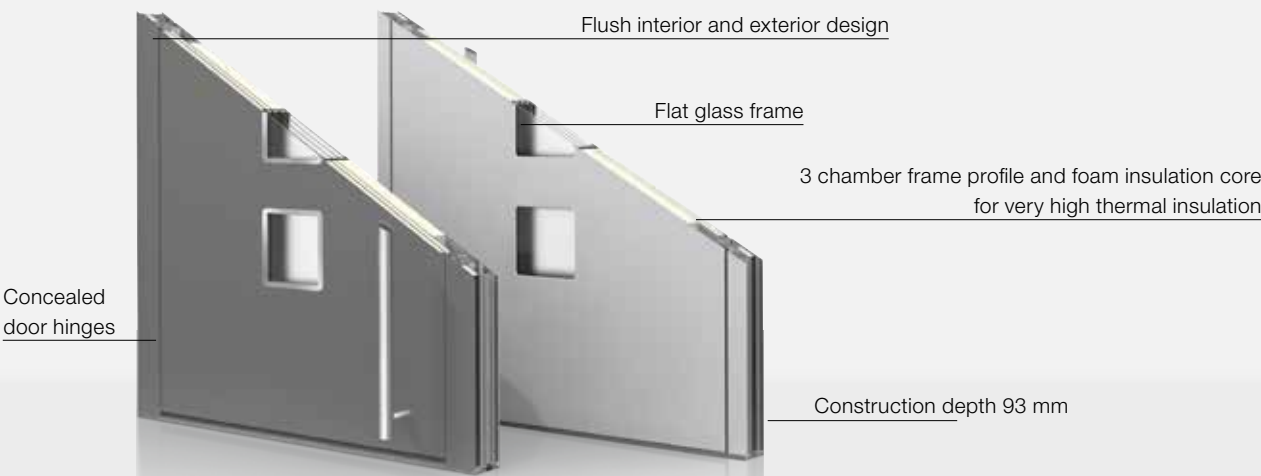


Online door designer

FLUSH INTERIOR AND EXTERIOR DESIGN



Thermal insulation (in W/m²K)		U _D as low as 0.78
Sound reduction (in dB)		up to 36
Security		RC 2
Design style		studio



FA
Colour: HFM14
Handle: EGS01
Order no.: AT-16-001



FO
Colour: HFM05
Handle: RGS01
Order no.: AT-16-002



FG
Colour: HM716
Handle: MGSE10
Designer elements: Heavy duty joiners
Order no.: AT-16-008



DA
Colour: HDS08
Handle: HS40
Glass: Matt white
Order no.: AT-16-014



DD
Colour: HM716
Handle: TEG15
Glass: Matt white
Designer elements: Heavy duty joiners
Order no.: AT-16-015



PN
Colour: Frame HM907,
sash HM907, M916
Handle: EGS06
Glass: Matt white
Alunox glass surround
Order no.: AT-16-020

AT 400 ALUMINIUM ENTRANCE DOOR

PURISTIC – CREATES CLEAR LINES

The smooth door leaf and the square-edged frame creates clear lines which are further emphasized through straight-lined designer elements or glass cut-outs, bar handles as well as raised or flat heavy duty joiners.




SQUARE-EDGED INTERIOR AND EXTERIOR DESIGN

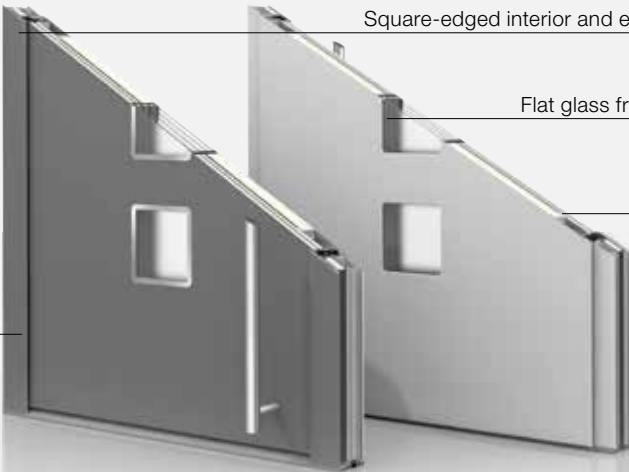


Outside view



Inside view

Thermal insulation (in W/m²K)		U ₀ as low as 0.75
Sound reduction (in dB)		up to 36
Security		RC 2
Design styles		<div>home pure</div> <div>home soft</div> <div>ambiente</div>



Square-edged interior and exterior design

Flat glass frame

3 chamber frame profile and foam insulation core
for high thermal insulation

Concealed
door hinges

Construction depth 93 mm



FM

Colour: Frame HM704,
sash HM704, M916
Handle: KGS03
Order no.: AT-16-005



FK

Colour: HM716
Handle: SG13
Designer elements: Heavy duty joiners
Order no.: AT-16-006



PE

Colour: HFM03
Handle: EGS01
Glass: Matt white
Order no.: AT-16-024



DM

Colour: Frame HFM12,
sash HFM12, M916
Handle: MGSE6
Glass: Matt white
Order no.: AT-16-026



PK

Colour: M916
Handle: RGS03
Glass: Matt white
Order no.: AT-16-032



AG

Colour: Frame HF113,
sash HF113, M916
Handle: HS40
Glass: Matt white
Order no.: AT-16-041

AT 310 ALUMINIUM ENTRANCE DOOR

STRAIGHT-LINED – STUNNING DESIGN FEATURES

The combination of flush door leaf outside and profiled door leaf inside offers manifold design possibilities. The clear shapes are underlined by millings, glass cut-outs and designer frames.




SQUARE-EDGED INTERIOR AND EXTERIOR DESIGN

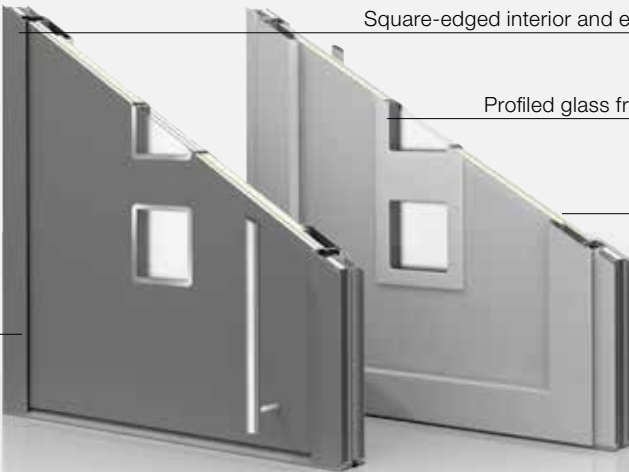


Outside view



Inside view

Thermal insulation (in W/m²K)		U ₀ as low as 0.81
Sound reduction (in dB)		up to 33
Security		RC 2
Design styles	<div><div>home pure</div><div>home soft</div><div>ambiente</div></div>	



Square-edged interior and exterior design

Profiled glass frame

3 chamber frame profile and foam insulation core
for high thermal insulation

Concealed
door hinges

Construction depth 93 mm



SA
Colour: HFM05
Handle: HS30
Glass: MDNL
Order no.: AT-16-035



SJ
Colour: HFM22
Handle: MGSE6
Glass: Matt white
Order no.: AT-16-036



AM
Colour: M916
Handle: HS10
Glass: D03
Order no.: AT-16-038



PG
Colour: HFM11
Handle: RGS02
Glass: Matt white
Order no.: AT-16-030



PM
Colour: HF113
Handle: HS10
Glass: Matt white
Order no.: AT-16-031



DI
Colour: Frame HM907,
sash M916
Handle: SG13
Glass: Matt white
Designer elements: Heavy duty joiners
Order no.: AT-16-033

AT 200 – OUR BASIC MODEL

WITH MANY VARIATIONS – FROM PLAIN TO VIBRANT

This entrance door can be designed in many ways with beaded frame, designer ornaments and Georgian/feature bar solutions.
AT 200 features a profiled door leaf inside and outside which can optionally also be carried out square-edged.



SE-E2B
Colour: Frame M916, sash M916, HM735
Handle: HS10
Glass: Satinato white
Order no.: AT200-16-007



SE-P0B
Colour: HM304
Handle: HS10
Glass: MRI
Order no.: AT200-16-018



EL-K1B
Colour: HFM04
Handle: GD15
Glass: D41
Order no.: AT200-16-030



VA-K2B
Colour: HM704
Handle: TEG14
Glass: Matt white
Order no.: AT200-16-010



LU-B3B
Colour: Frame HM716, sash HM716, M916
Handle: GD10
Glass: Satinato white
Order no.: AT200-16-020



SE-R0B
Colour: HFM02,
Handle: TEG10
Glass: Linea
Order no.: AT200-16-016

DOOR LEAF OPTIONALLY SQUARE-EDGED OR PROFILED



Outside view



Inside view

Thermal insulation (in W/m²K)		U _D as low as 1.2
Sound reduction (in dB)		up to 40
Design styles	<div>home pure</div> <div>home soft</div> <div>ambiente</div>	

- Square-edged or profiled design inside and outside
- Construction depth 80 mm
- 3 chamber frame profile and foam insulation core for high thermal insulation
- Three-dimensionally adjustable door hinges

K SQUARE-EDGED DOOR LEAF



P PROFILED DOOR LEAF







HT 410 TIMBER/ALUMINIUM ENTRANCE DOOR

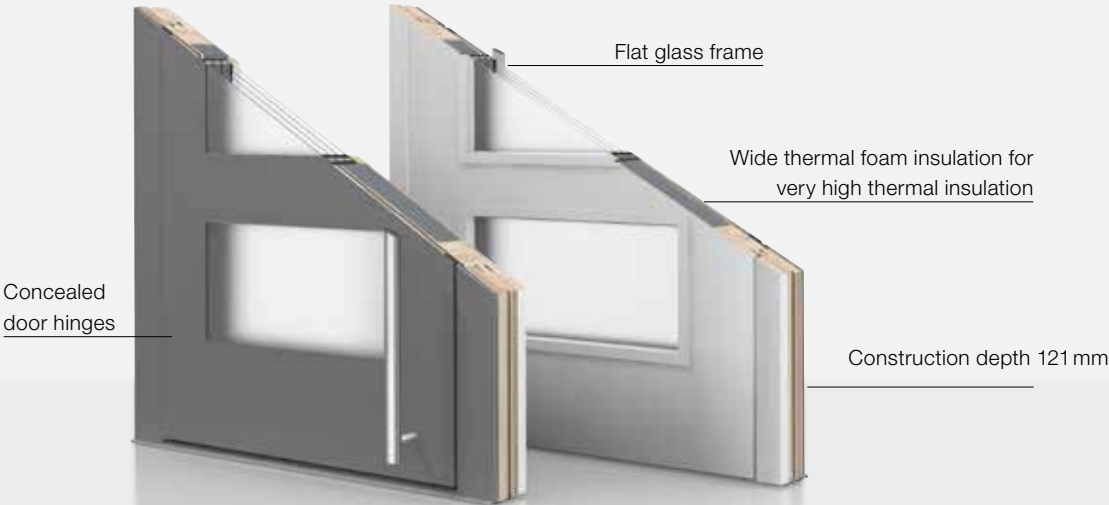
FLUSH – PERFECT DESIGN

The smooth transition from frame and door leaf, concealed hardware, level key hole cover plates, sunken recessed handles and millings as well as flat glass surrounds create a perfect design.

FLUSH INTERIOR AND EXTERIOR DESIGN



Thermal insulation (in W/m²K)		U _D as low as 0.58
Sound reduction (in dB)		up to 37
Security		WK 2
Design style		studio



PU-A1B
Colour: HM716
Handle: KGS01
Glass: Matt white
Order no.: HT-16-015



PU-F4B
Colour: HM906
Handle: HS42
Glass: Matt white
Order no.: HT-16-016



GA-E0B
Colour: HFM13
Handle: TEG10
Order no.: HT-16-003



GA-D0B
Colour: HM304
Handle: MGSE08
Order no.: HT-16-006



PU-L2B
Colour: Frame HF817,
sash HF817, HM113
Handle: KGS05
Glass: Matt white
Order no.: HT-16-019



GA-A0B
Colour: DM03
Handle: KGS01
Order no.: HT-16-004

HT 400 TIMBER/ALUMINIUM ENTRANCE DOOR

PURISTIC – LINEAR LINES

The smooth door leaf and the square-edged frame create clear lines which are emphasized by continuous glass fillings, straight-lined designer elements, bar handles as well as stainless steel attachments.




SQUARE-EDGED INTERIOR AND EXTERIOR DESIGN

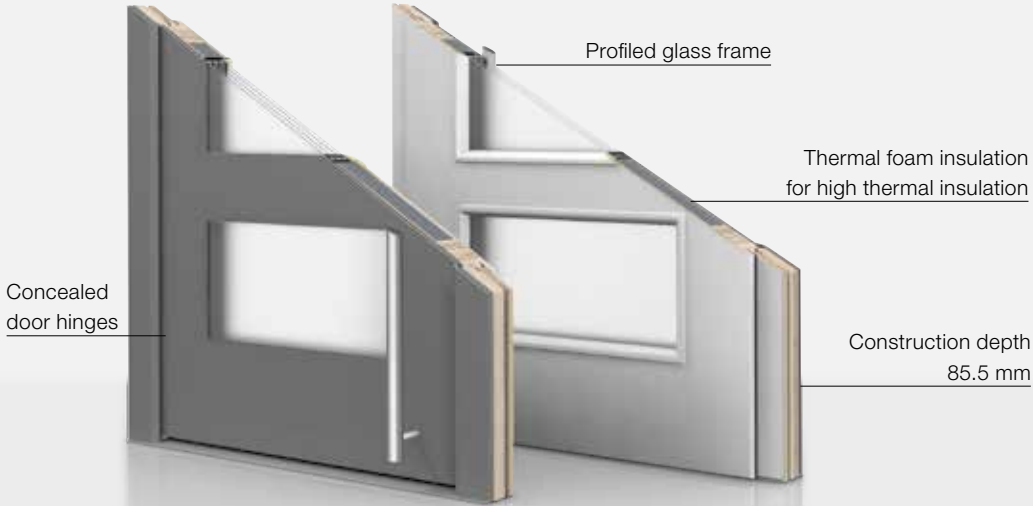


Outside view



Inside view

Thermal insulation (in W/m²K)		U ₀ as low as 0.73
Sound reduction (in dB)		up to 33
Security		WK 2
Design styles	<div><div>home pure</div><div>home soft</div><div>ambiente</div></div>	



VE-D0B

Colour: Frame EL02,
sash SG07/SG01 (security
glass)
Handle: KGS02
Order no.: HT-16-012



VE-A0B

Colour: Frame DM03,
sash SG07/SG01 (security
glass)
Handle: TGS15
Order no.: HT-16-014



CO-A1B

Colour: RAL1012
Handle: EGS01
Glass: Matt white
Order no.: HT-16-034



SQ-E1B

Colour: Frame HM907,
sash M916, Stainless
steel
Handle: TEG12
Glass: Matt white
Order no.: HT-16-032



PU-K1B

Colour: Frame HM716,
sash HM716, M916
Handle: MGSE8
Glass: Matt white
Order no.: HT-16-029



CO-C1B

Colour: HM817
Handle: HS10
Glass: Matt white
Order no.: HT-16-036



MODERN PLAY IN BLACK AND WHITE
 Clear architectural language by colour separation of
 solid and open building elements.
 Detached house (RO), door: AT 410, windows: KF 405





REVOLUTIONARY TECHNOLOGIES

I-tec Core



EXTREMELY STABLE
CORE



SLIM SIGHT LINES FOR
EXTRA LIGHT



HIGH LOAD-BEARING
CAPACITY



RESOURCE-SAVING
AND SUSTAINABLE



INDIVIDUAL COLOUR DIVERSITY
AND TIMBER VARIETY

REVOLUTIONARY

NEW STANDARDS FROM INTERNORM.

Under the melodius title of “**I-tec**“, Internorm has been developing a series of revolutionary technologies to meet the rising demands on design, technology, quality and comfort.

- **I-tec Core**
- **I-tec Ventilation**
- **I-tec Locking**
- **I-tec Shading**
- **I-tec Glazing**
- **I-tec Insulation**
- **I-tec SmartWindow**



Discover Internorm's innovative technologies on the following pages and be amazed!

STABLE CORE

SOLID. RESOURCE-SAVING. SUSTAINABLE.

The strength of timber is unrivalled. Thus, we have used this proven and natural material and developed a new revolutionary technology for the window industry to create even more stable, more sustainable and more individual windows for you.

With the new I-tec Core we are processing thin, glued timber layers, which are only known from extremely stable roof beams and supports, for the core of the timber/aluminium window HF 410. This timber is considerably more humidity-resistant, more durable and extremely strong. This new high-tech material is additionally resource-saving, sustainable and allows larger sizes through its particular load-bearing capacity. The narrow frame design imparts more aesthetics to this window.





SHADING WITH SELF-SUFFICIENT ENERGY

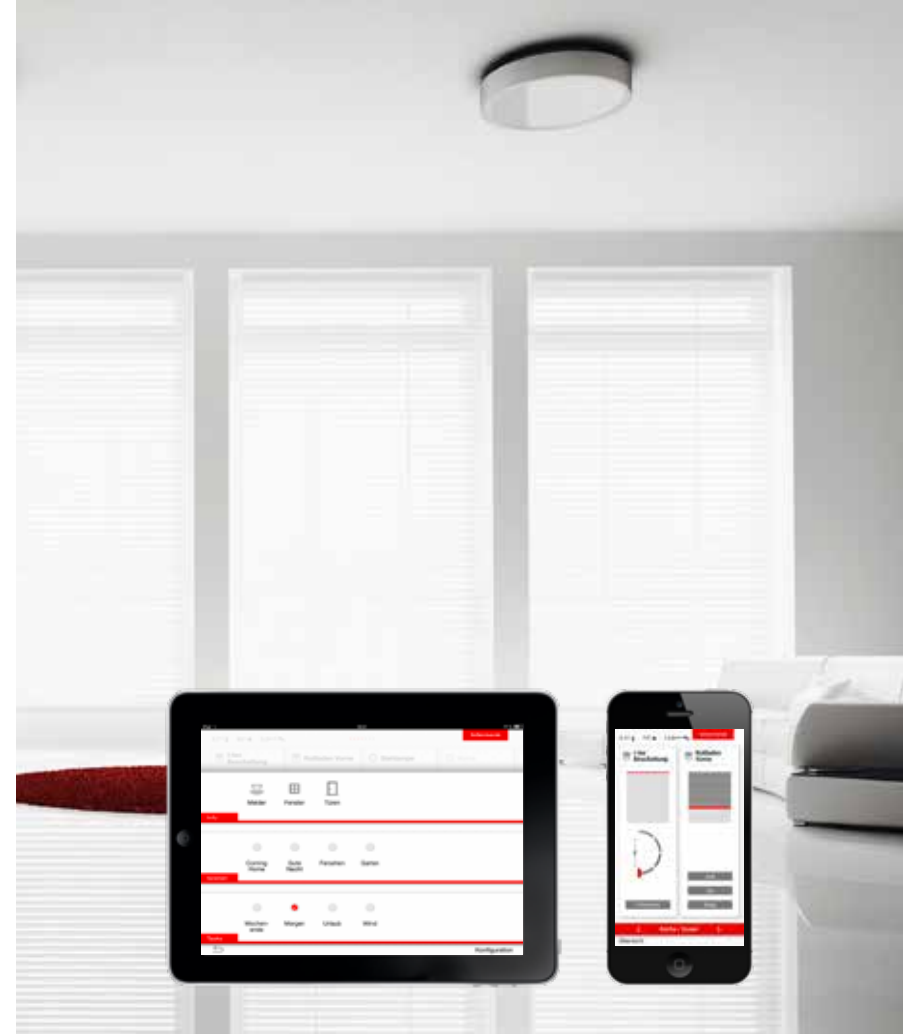
INTEGRATED. INDEPENDENT. AUTOMATIC.

All Internorm windows with integrated blinds can be powered by a self-sufficient photovoltaic module. I-tec shading works without external power source and the decorative effect of the window is fully retained.

The intelligent automatic mode with day/night recognition allows automatic opening and closing of the blinds at sunrise and sunset. Measuring solar radiation and temperature prevents overheating of the rooms. In winter the automatic control keeps the blinds open and enables maximizing of solar gains and therefore a reduction in heating costs.

I-tec Shading

-  INTEGRATED SUN AND PRIVACY PROTECTION
-  AUTOMATIC HEAT PROTECTION IN SUMMER
-  AUTOMATIC DAY/NIGHT RECOGNITION
-  NO EXTERNAL POWER SOURCE NECESSARY
-  MANUAL CONTROL AVAILABLE
-  USE OF ENERGY GAIN IN WINTER
-  SIMPLE AND CONVENIENT CONTROL VIA SMART WINDOW



I-TEC SMARTWINDOW


INTELLIGENT. SIMPLE. CONVENIENT.


Internorm's intelligent building control I-tec SmartWindow makes it easy for you to operate your ventilation and shading simply and conveniently using a smartphone or tablet. No matter if you are at home or away, you can remotely control your I-tec ventilation, I-tec shading, sun protection and fanlight opener via the Internorm app or check the status of your windows via opening sensors.


You can download the I-tec SmartWindow app for free in the app store or in Google play with its associated installation instruction. A few taps with your finger on the user interface are enough to move blinds up or down, adjust the light guidance or regulate the air volume for the ventilator. Also fanlights can easily be opened and closed or open, tilted or closed windows monitored.


REVOLUTIONARY TECHNOLOGIES


I-tec SmartWindow


 FREE APP WITH INSTRUCTIONS

 EASILY EXTENDABLE

 SIMPLE DEFINITION OF REQUIREMENTS

 MANUAL CONTROL AVAILABLE

 CONTROL VIA TASKS ALSO ON HOLIDAY

 INDIVIDUAL SETTINGS

Free download of Internorm App I-tec SmartWindow:

42 | 43

Internorm



AIRING OF THE FUTURE

INDIVIDUAL. AUTOMATIC. HEALTHY.

Thanks to Internorm you do not need to remember airing any longer. Because Internorm is offering you windows, where the ventilator is completely integrated into the frame. Even with closed windows this ensures fresh air 24/7 and optimum room climate.











Why is airing so important?

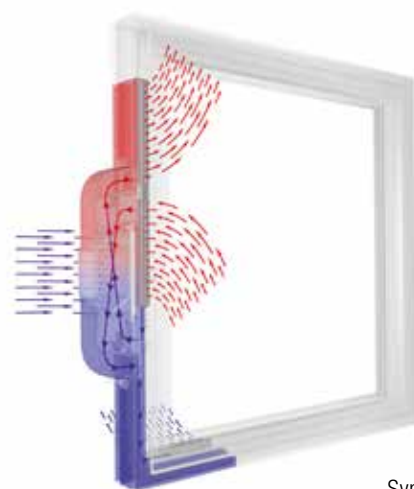
Fresh air is important for our health. It ensures wellbeing, good sleep, high concentration and high performance. With wrong airing humidity, CO₂ or other air impurities remain in the room and can cause considerable damage. The building structure can be damaged by mould and humidity, your health is endangered by mould, pollen and house dust and heat is lost.

How do you air correctly?

You could use a decentral ventilation system. It ensures perfectly fresh air, fully automatic and individual for each room.

I-tec Ventilation

-  FRESH AIR WITHOUT BIG HEAT LOSS
-  FRESH AIR WITHOUT OUTSIDE NOISE
-  FRESH AIR WITHOUT DUST
-  FRESH AIR AGAINST MOULD
-  FRESH AIR FOR HEALTHY LIVING
-  FRESH AIR WITH INCREASED SECURITY
-  FRESH AIR INDIVIDUALLY FOR EACH ROOM
-  FRESH AIR WITHOUT WORRIES: AUTOMATIC FUNCTION
-  FRESH AIR WITHOUT DRAUGHTS
-  SIMPLE AND CONVENIENT CONTROL VIA SMART WINDOW



Symbolic picture



FEEL SAFE

NO COMPETITION. PRECISE. DISCREET.








Instead of conventional locking pegs, flaps ensure secure and precise locking of the window sash to the frame. When locking, flaps which are positioned in short distances on all four sides of the sash, press directly against the interior of the frame and make levering of the window virtually impossible.

Contrary to systems with locking pegs which need regular adjusting, the I-tec locking needs no counter piece in the frame. The flaps always lock precisely and with undiminished power.

I-tec locking is integrated as standard in the UPVC or UPVC/ aluminium window KF 500 and achieves security class RC2N. Contrary to conventional mushroom shaped locking pegs, the function of KF 500 is not restricted in any way despite the high security class.

REVOLUTIONARY TECHNOLOGIES

I-tec Locking

-  LOW VIEWING HEIGHT FOR MORE LIGHT
-  FRAMELESS GLASS ARCHITECTURE
-  SASH WEIGHTS UP TO 130 KG
-  DISCREET DESIGN WITH CLEAR LINES
-  EASY-TO-CLEAN FRAME
-  NO VISIBLE KEEPS FOR AN ATTRACTIVE LOOKING APPEARANCE
-  SAME OUTSIDE APPEARANCE OF FIXED ELEMENT AND SASH



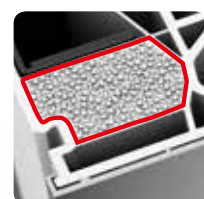


NEW INSULATING TECHNOLOGY

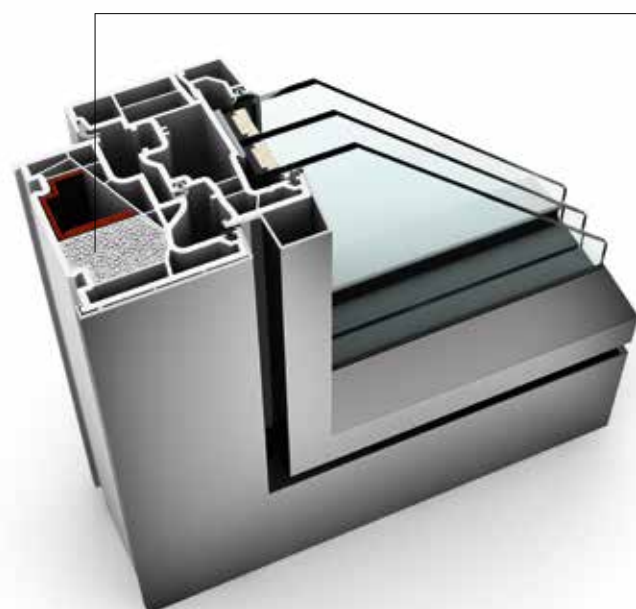
CONTINUOUS. EFFICIENT.

Internorm windows are reknown for best thermal insulation values. A significant factor for this is the HCFC-, HFC- and FC-free insulation which is inserted into the frame profiles.




The new I-tec insulation is inserted with pressure as granulate into the inside of the frame of the UPVC/ aluminium windows KF 410 and KV 440. This new insulation technology fills the chambers all around evenly and improves the thermal insulation considerably.



I-tec Insulation



I-tec Insulation

-  GRANULATE INSTEAD OF FOAM
-  IMPROVED THERMAL INSULATION
-  GAPLESS CHAMBER FILLING



The welded sash frame is tensioned from corner to corner.



The glass pane is set into the frame and centred.



The remaining gap between glass and frame is filled with glue all around.



By fitting glazing beads or cover beads the glue joint is covered.

INNOVATION ALL AROUND

CONTINUOUS. SECURE. STABLE.

Many window panes are only connected to the frame in very few positions. Internorm uses FIX-O-ROUND technology as standard for a continuous all around fixing.

The advantage of this technology lies in the continuous connection of the window frame with the glass pane. This improves stability, thermal insulation and sound reduction, burglary protection and functioning of the window for its entire lifespan.

Special glue ensures not only a tight connection from glass to frame, but also allows easy exchange of the glass pane.

REVOLUTIONARY TECHNOLOGIES

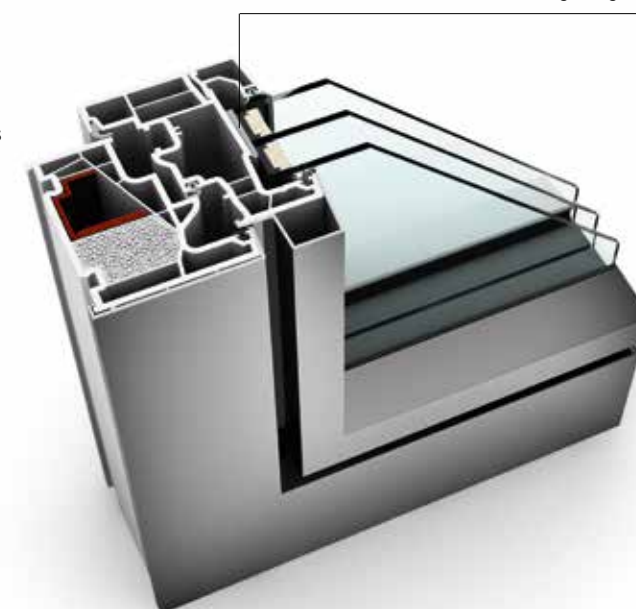
I-tec Glazing



-  MAXIMUM BURGLARY PROTECTION
-  INCREASED STABILITY
-  INCREASED THERMAL INSULATION
-  IMPROVED SOUND INSULATION



I-tec glazing





INDIVIDUAL

INTERNORM'S DESIGN POSSIBILITIES.

The design of your house is as individual as you are. Let your taste decide on straight-lined, modern, classical or traditional design styles and allow your home to be as individual as you are. By choosing Internorm you can be sure to get the perfect windows for your house style. With almost unlimited design possibilities we will gladly fulfill your exact requirements.

Internorm windows can support the design of your home with a wide range of design styles including:

- Attractive handles in aluminium, chrome and brass
- A multitude of glazing from Satinato to Linea
- Security glazing as well as highly thermally insulating glazing
- Numerous colours for UPVC, timber and aluminium surfaces
- Sun and insect protection systems



PANORAMA HX 300

OPEN. BRIGHT. FREE.

Large-scale glazings which can be completely integrated into the brickwork, create unlimited freedom for your home. They bring light to the inside and at the same time offer full view to the outside. Innovative solutions such as glass joints where the transition between the glass panes is virtually invisible, offer many possibilities in the modern, large-scale glass architecture. You can set optical highlights with integrated windows in the style of your house.

Enjoy far-reaching views

- Frameless glass architecture
- Open bright living environment
- Create unlimited freedom



Frameless appearance and technologically optimized construction connection



KS 430 UPVC & UPVC/ALUMINIUM LIFT-SLIDING DOOR

The new UPVC or UPVC/aluminium lift-sliding door KS430 creates light-flooded rooms and enlarges your home beyond its real borders. Without any effort the large-scale sliding elements can be opened to make even more space.

The KS430 offers modern design and excellent comfort combined with high-quality technology:

- More light through large-scale glazings
- Soft/lift as standard for easy operation
- Available up to 6500 x 2800 mm
- Narrow sliding frames and frameless side elements
- Easy operation of sash up to 400 kg sash weight
- Energy efficient and heating cost saving
- No tripping hazard due to low threshold height
- Attractive colours for individual design requests
- Better stability due to glass fibre low threshold
- Toughened panes protect from injuries when glass breakages
- Can be perfectly combined with all other Internorm window systems



PROPERTIES

Thermal insulation
(in W/m²K)



U_w as low as 0.64

Sound reduction
(in dB)



up to 43



HS 330 TIMBER/ALUMINIUM LIFT-SLIDING DOOR

The timber/aluminium lift-sliding door HS330 makes the borders between inside and outside disappear almost magically. It connects the inside space with the surrounding nature and creates a new, generous awareness of space.

The HS330 offers unique design and exceptional comfort, combined with high-quality technology:

- More light through large-scale glazings
- Available up 5800 x 2800 mm
- Narrow sliding frame and frameless side elements
- Easy lifting and sliding of sash up to 400 kg sash weight
- Energy efficient and heating cost saving
- Low heat emission due to triple glazing
- No tripping hazard due to low threshold height
- Attractive colours for individual design requests
- Better stability due to glass fibre low threshold
- Toughened panes protect from injuries when glass breakages
- Can be perfectly combined with all other Internorm window systems



PROPERTIES

Thermal insulation
(in W/m²K)



U_w as low as 0.73

Sound reduction
(in dB)



up to 40



PERFECT COMBINATIONS

TRUE TO STYLE. INDEPENDENT OF MATERIALS. MATCHING.

The demands on design, energy efficiency and comfort of the windows increase with individual architecture. Function and design are no contradiction with Internorm. UPVC/ aluminium and timber/aluminium systems can be perfectly combined.

Outside same design – choose between UPVC or timber for the inside

If you would rather have a UPVC/aluminium window in the bathroom because of the high humidity, but would not like to miss the timber/aluminium window in the living room, then you can combine these two materials without any problems with Internorm. The design of your window and therefore the exterior design of your house always remains the same. Inside of each room you have the possibility to create your window according to your requirements – either in UPVC or in timber.

Uniform appearance for architecture true to its style

No matter in which design style you create your house – if avant-garde, modern, elegant, playful or timeless – Internorm is offering you perfect combinability for each of these styles in the materials UPVC and timber.

Can also be combined with lift-sliding doors

You do not have to miss large-scale glazing and more light in your rooms. We are offering you lift-sliding doors in the materials UPVC/aluminium and timber/aluminium, matching the window style.

OUTSIDE - THE SAME



Aluminium

The aluminium clad on the outside adapts to the design style of your house.

INSIDE - YOUR CHOICE



UPVC

UPVC is long-lasting, extremely easy to care for and also perfectly suitable for rooms with high humidity such as e.g. the bathroom.



Timber

Timber conveys warmth, is cozy, provides a pleasant atmosphere and is therefore perfectly suitable for living rooms and bedrooms..



SAFE WITH SECURITY

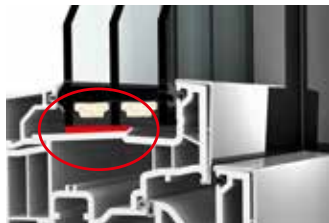
RELIABLE. EFFECTIVE. PATENTED.

Optimum burglary protection and maximum security for children are main requirements to be able to feel at ease in your own four walls and to feel safe. A considerable contribution to this feeling of homeliness comes from the windows. You can protect your family effectively with Internorm's sophisticated technologies und make it difficult for burglars to gain access to your house.



Security locking elements

All Internorm window systems are equipped with standard security. Solid, attractive, yet discreet designer locking elements in silver together with the hexagonal mushroom shaped closing bolt in the window frame lock the window.



I-tec glazing

Thanks to Internorm's patented glazing technology, the glass pane cannot be pushed out. The glass pane is glued all around into the window frame and therefore stays securely and tightly. Almost all Internorm window systems are equipped with this I-tec innovation as standard.



Concealed hardware

Concealed hardware ensures that windows cannot be levered out of their hinges and serves for discreet appearance and easy cleaning.



I-tec locking

Internorm's revolutionary locking technology guarantees maximum protection. When locking the window, flaps open and press on to all sides directly inside the frame. The window cannot be levered any longer.



Security handle

The Secustik handle with safe screening offers highest security. The patented locking mechanism protects absolutely secure against moving the lock from the outside (standard with UPVC and UPVC/ aluminium window KF 500).



Lockable handles

Lockable handles offer optimum security for children and perfect burglary protection in one. The window is locked via key or push button and cannot be opened, neither from the outside, nor from the inside.



Electronic sensor

Locking sensors report reliably and inconspicuously via the I-tec SmartWindow App if and which windows or window doors are open, tilted or locked. The sensor can also be wired upon request and can then be combined with any customary alarm systems.



Laminated glass

Contrary to conventional window glass which splinters when broken, laminated glass does not break apart. Tear-resistant foils keep the panes together, the glass stays in the window frame and danger of injury is averted.



GLAZING

ENERGY-SAVING GLAZING

The fact that around 30 % of the warmth of a house is lost via the windows, explains the rising demand for highly thermally insulating windows. In order to fulfil the trend of innovative highly insulating triple glazing solutions, Internorm has expanded with a third insulating glass line and with that, now becomes Austria's largest manufacturer of insulating glass.

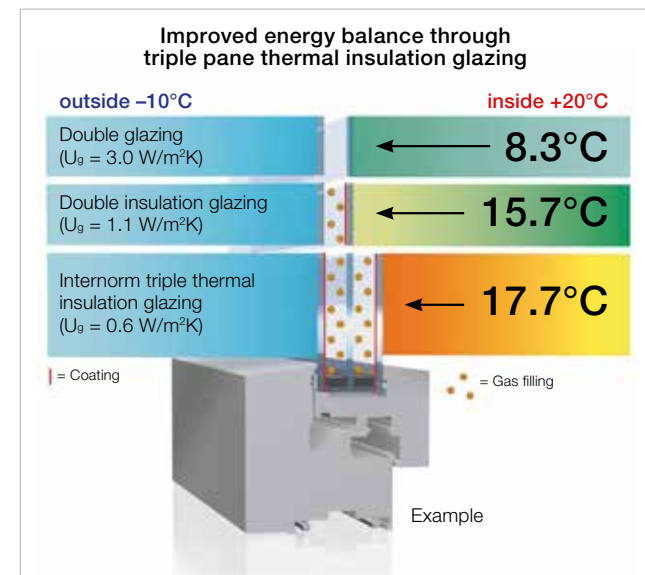
Insulating space between the glass panes

Heating costs can be saved by applying thin precious metal coatings onto the glass surface and by using noble gases in the spaces between the glass panes. The noble gases used are **argon and krypton**, which have a considerably lower thermal conductivity than air and therefore, additionally reduce the heat loss towards the outside. The differences in the thermal insulation value of glazings are the result of different coating structures and noble gases.

Triple thermal insulation glazing

The highly insulating properties of Internorm window systems with triple thermal insulating glazing compared to double glazing allow up to 40 % more glass areas with the

same amount of heating costs. By using such insulation glazing the energy balance is improved considerably and thus keeps the heating costs low.



SOLAR+ INTERNORM'S ENERGY EFFICIENT GLAZING

Internorm's SOLAR+ glazing is characterised by its special coating SOLAR+. The triple insulating glass features **extremely high thermal insulation**, as well as an **overall energy transmission factor** (g value) which can otherwise only be achieved at this level with double glazing. Due to this exceptional rate of thermal insulation (U_g) and energy transmission (g value), this glazing is perfectly suitable for implementing in solar buildings. Especially in cold seasons it uses low solar

radiation to its optimum and keeps the gained heat in the building. The **high g value** makes it possible even in not ideal building positions or in not precisely south-facing glazing positions to optimize the gain on passive solar energy.

Here the windows are the heating

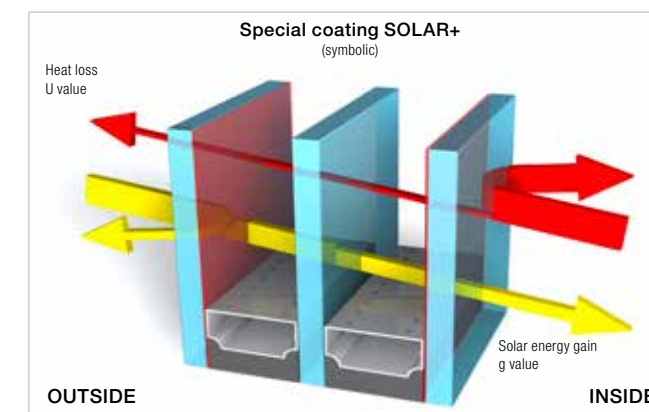
With triple glazing SOLAR+ the overall energy transmission is 20 % higher than with standard triple glazing. Thus the **solar energy gain** also increases by 20 %. Through the glazing you have **additional free-of-charge heating!**

A plus point for climate protection

Internorm's climate protection windows achieve optimum solar gain and guarantee maximum thermal insulation thanks to the energy saving triple pane technology and the innovative special coating SOLAR+. This reduces emission of CO₂ and SO₂.

More light – more brilliancy: SOLAR+

The high transparency creates warm brightness on the inside: an important asset especially in winter.





Handles for entrance doors

KGS01
Square handle bar
40x1000
2 supports

KGS02
40x1200
2 supports

KGS03
40x1400
2 supports

KGS04
40x1600
3 supports

KGS05
40x1800
3 supports

KGS06
40x2000
3 supports

Stainless steel

RGS01
Round handle bar
30x1000
2 supports

RGS02
30x1200
2 supports

RGS03
30x1400
2 supports

RGS04
30x1600
3 supports

RGS05
30x1800
3 supports

RGS06
30x2000
3 supports

Stainless steel

EGS06
Handle bar
80x1130
Stainless steel

MGSE6
Handle strap
40x600

MGSE8
Handle strap
40x800

MGSE10
Handle strap
40x1000

Stainless steel

SG16
Recessed handle
430x100
Stainless steel

SGE03
Recessed handle
200x700
Aluminium

HS10
Push handle
93x400
Stainless steel

HS32
Push handle
118x477
Stainless steel

BS42
Push handle
68x340
Stainless steel

PD10
Brushed aluminium

GD10
Stainless steel

GD20
Stainless steel

VD16
Chrome matt



Handles for windows

Handle G80
p/no. 36435

Handle G80
p/no. 36404

Handle G80
p/no. 36400

Secustik Handle G80
p/no. 36431
(only for KF 500)

Handle Dallas
p/no. 36426

Standard handle aluminium natural
p/no. 33899

Designer handle steel
p/no. 34615

Designer handle white
p/no. 33896

Handle with push button
p/no. 33885

Designer handle Bruxelles chrome satined
p/no. 34592

Handle Amsterdam aluminium natural
p/no. 36416

Designer handle Athinaï chrome/stainless steel matt
p/no. 34596

Designer handle Athinaï brass matt/aluminium steel
p/no. 34594

Designer handle Bruxelles brass polished/chrome
p/no. 34590

Designer handle brass polished
p/no. 34597

Handle lockable brass
p/no. 33886

Designer handle Athinaï brass polished
p/no. 34595

Designer handle Bruxelles brass polished
p/no. 34591

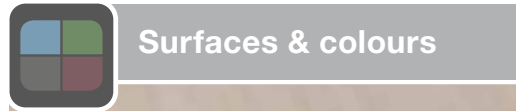
Designer handle Atlanta brass polished
p/no. 34750

Handle G80
p/no. 36475

Handle Dallas
p/no. 36412

Handle Softline
p/no. 32447

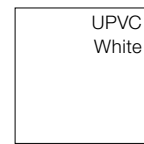
Please note that not every handle is available for every door series. More choice and information is available from your Internorm distribution partner.



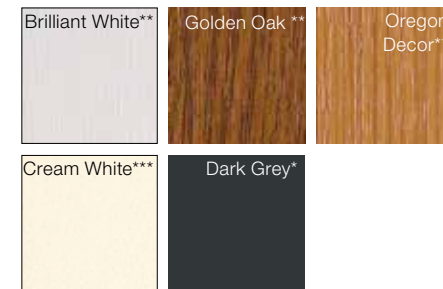
Surfaces & colours

INTERNAL SIDE OF WINDOW

UPVC



DECOR FOILS



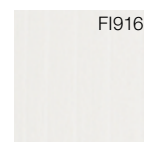
- * Available with KF 410 and KV 440 in studio and home pure
- ** Available with KF 410, KF 200 and KV 440 in home soft and ambiente
- *** Only with KF 200

TIMBER

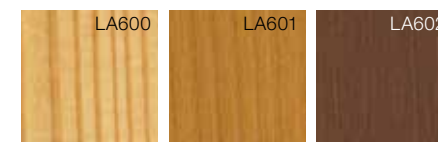
STANDARD COLOUR SPRUCE, VARNISHED



STANDARD COLOUR SPRUCE, OPAQUE



STANDARD COLOUR LARCH, VARNISHED

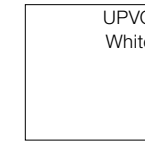


COLOURS HF 410 – additionally to timber standard colours available



EXTERNAL SIDE OF WINDOW

UPVC



Please note that not every colour is available for every window.

Due to printing and manufacturing technology colour deviations between illustrations in this brochure and original products may occur.

Your **Internorm [1st] window partner / distribution partner** will gladly show you original colour samples.

* **Highly weather-resistant**, except M916 (facade quality).

** Intensive colour appearance, however colour tolerances possible.

*** A special highly weather-resistant powder coating is used for surface versions **HM** (highly weather-resistant standard colour), **HF** (highly weather-resistant fine structure), **HFM** (highly weather-resistant fine structure metallic), and **HDH** (highly weather-resistant timber decor colour).

**** **HDH colours** have a vibrant timber appearance being hand-finished with structure coating, however colour tolerances are possible.

SPECIAL COLOURS

A variety of design possibilities are offered by the Internorm RAL colour range (facade quality). These are the colours available for aluminium attachment clads outside and timber inside.

ALUMINIUM ATTACHMENT CLAD

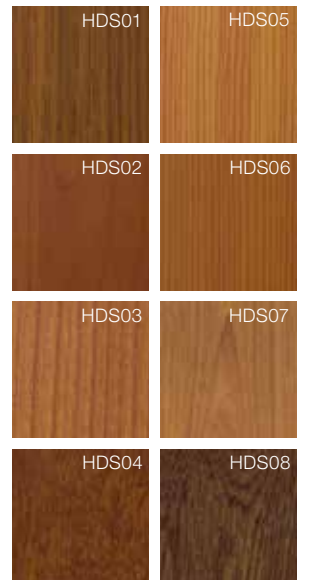
STANDARD COLOURS*



hirest-COLOURS***



HDS COLOURS**



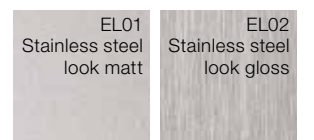
TIMBER DECOR COLOURS****



METALLIC DECOR COLOURS



STAINLESS STEEL COLOURS





SUN AND INSECT PROTECTION

COMBINABLE. INTEGRATED. MANY VARIATIONS.

The sun and insect protection systems complement the windows to a functional unit and support the design of the house facade. Combine your sun protection products with I-tec SmartWindow and enjoy the comfort of automatic functions as well as the convenient control via Smartphone or tablet.

Windows with integrated blinds: Integrated sun and privacy protection between the panes – choose between blinds, Venetian blinds or Duette® blinds, upon request with energy self-sufficient shading (I-tec shading).

Venetian blinds: Optimum control and guidance of light and warmth through adjustable slats, upon request with day light guidance RETROLux. Can be combined with insect protection.

Attachment Venetian blinds: Optimum control and guidance of light and warmth through adjustable slats. Can be combined with insect protection.

Exposed and mini exposed roller shutters: Delivered separately or completely fitted on to the window. Can be combined with insect protection.

Insect protection: Fixed, turn, sliding or pull-down flyscreen. Can be combined with sun protection.

Window shutters: Made of aluminium, with many design possibilities. Can be combined with insect protection.

SIDE ENTRANCE DOORS

Side entrance doors serve to close off unused, unheated rooms (e.g. garage, basement storage rooms etc.). Current statistics show that burglars mostly gain access to a house via side entrances. It is therefore all the more important to consider relevant security features – Internorm offers different security systems upon request.

Side entrance doors are available in the materials timber/aluminium, aluminium and UPVC and offer a wide spectrum of individual design possibilities.

TIMBER/ALUMINIUM



HF 210

ALUMINIUM



AT 150

UPVC



KF 405



HF 310



AT 150



KF 200



Dobratch summit house 2,143 m, Transform Architekten ZT-GmbH, Architekt DI Günter Weratsch-

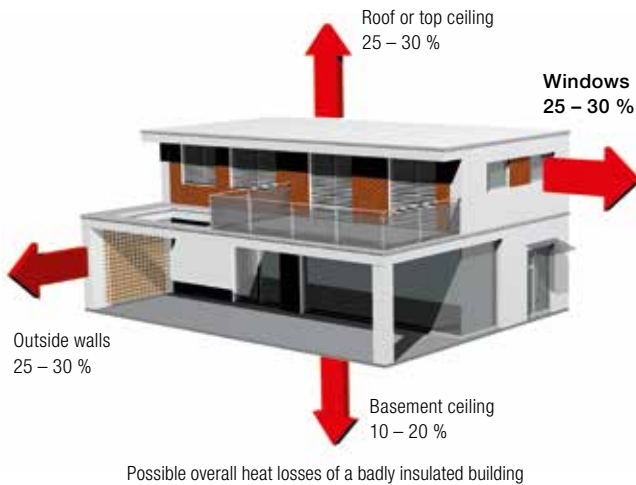


THERMAL INSULATION

ENERGY EFFICIENT. PLEASANT. WARM.

Highly thermally insulating window systems ensure homeliness and warmth in your own four walls. In connection with a special coating for using solar radiation they virtually become your free-of-charge additional heating.

As a building can lose approximately 25 to 30 % of its energy through the windows, the thermal insulation of the windows is especially important. Through careful planning, correct positioning of the window areas (large window areas south-facing) can positively influence the energy balance of the building. The thermal insulation of the window depends on the frame material, the insulating glass and the tightness of the window. The **parameter for the insulating capability** of the window is the **U value**. The **lower the value, the better the thermal insulation**. Additional features such as roller shutters and window shutters can improve the U value.



Possible overall heat losses of a badly insulated building

SOUND REDUCTION

CALM. COZY. QUIET.

Interference of noise is unpleasant and can, given the right intensity and duration, affect the human body negatively. Noise is perceived through the human ear and passed on to the brain.

Sound reduction of a window is measured in decibels. The higher the value, the better the sound reduction. Sound reduction states how much sound energy from the original sound energy is allowed to pass through. At an insulation of 10 dB 1/10 of the original sound energy passes through, at 20 dB 1/100, at 30 dB 1/1000 etc. Humans perceive a reduction of 10 dB as halving the noise. Sound reduction of a window is dependent on frame material, insulating glass, tightness of the window and the construction connection.

VOLUME	NOISE EFFECT	TYPE OF SOUND
10 dB	very quiet	Pin dropping
20 dB		Leaves rustling, clock
30 dB	quiet	Whispering
40 dB		Quiet talking
50 dB		Residential street, birds
60 dB	loud	Talking, radio
70 dB		Loud talking, street
80 dB		Heavy traffic
90 dB	very loud	Shouting, hooting
100 dB		Circular saw
110 dB		Pneumatic hammer
120 dB		Jet plane
> 150 dB		Explosion, rocket

WARRANTIES

WE GUARANTEE YOU MANY YEARS OF PLEASURE WITH YOUR INTERNORM WINDOWS.















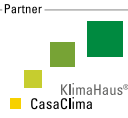





As Europe’s leading and largest active international window brand, Internorm looks back on 85 years of experience in trendsetting window and door solutions of exceptional reliability and longevity. This, we can guarantee you.

Warranty	<div>10 YEARS</div>	<ul style="list-style-type: none">No unnatural colour changes or cracked surfaces due to weather influences for white window and door profiles made of UPVC, with the exception of mitre cracks.No unnatural colour changes or cracked inside surfaces due to weather influences for foil-coated window and door profiles made of UPVC, with the exception of mitre cracks.No unnatural colour changes or cracked surfaces due to weather influences for anodised or powder coated window and door profiles made of aluminium.No condensation between the panes of insulating glass.The function of the timber, thermal foam and aluminium profile compounds is guaranteed for all Internorm timber/aluminium window systems, provided that the Internorm installation and maintenance guidelines have been adhered to.The function of the adhesive and the sealing of insulation glass panes with the window profiles is guaranteed for all Internorm timber/aluminium window systems, provided that the Internorm installation and maintenance guidelines have been adhered to.The glue connection of glued Georgian/feature bars.
Warranty	<div>5 YEARS</div>	<ul style="list-style-type: none">PVD coated door handles are guaranteed against corrosion if there is no mechanical change.No unnatural colour changes or surface cracks due to weather influences in door fillings. There is no guarantee for changes in the surface appearance as a result of dirt.
Warranty	<div>3 YEARS</div>	<ul style="list-style-type: none">No unnatural colour changes or surface cracks due to weather influences for roller shutter profiles made of UPVC.No unnatural colour changes or surface cracks due to weather influences for anodised or powder coated roller shutter and blind profiles made of aluminium.The function of the window or door fitting is guaranteed, provided that the Internorm installation and maintenance guidelines have been adhered to.
Assurance	<div>30 YEARS</div>	<p>Furthermore, Internorm guarantees safe-guarding that Internorm products can be repeatedly serviced by our experts in such a fashion (original parts not obligatory), to retain their full function for a period of 30 years. However, this presupposes the frame construction (frame and sash) is not damaged. The 30-year period starts from the production date. The services required to maintain the functionality, including the materials required, labour etc. will be invoiced according to the currently valid rates.</p>

WARRANTIES/EXCERPT:
The full wording of our warranty conditions, the exact preconditions for the application of the warranty, and what you should do in the event of a claim, can be found in the Internorm Maintenance Care and Warranties Manual. You will receive this booklet when your Internorm products are delivered. In addition, it is obtainable from any Internorm [1st] window partner / distribution partner.

NATIONAL AND INTERNATIONAL CERTIFICATIONS CONFIRM THE HIGH QUALITY OF OUR PRODUCTS.

Our know-how gives you the security that you receive best service for your money. The most modern production facilities and strictest quality controls ensure quality which is setting standards all over Europe. Awards of independent test institutes from all over Europe are confirming this.

 Austrian State Emblem	 Austrian Quality Label	 CE Certification	 TÜV	 Institute for Window Technology Rosenheim	 Plus X Award
 RAL Quality Seal	 RAL Quality Seal	 RAL Quality Seal	 Federal Ministry for Traffic, Innovation and Technology	 Technical University Graz	 Minergie® Certificate
 Austrian Society for Environment Simulation	 Certificate for Sustainable Forest Management	 KlimaHaus Certificate	 Energy Globe (Projekt Schiesthaus)	 Climate Association Town Traun	
	 Official Police Security Initiative	 RIBA CPD PROVIDERS NETWORK	 BBA APPROVAL INSPECTION TESTING CERTIFICATION		

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