

AT - Eco Windows & Doors Ltd.

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Offer

21-0447IB Tanglewood Farm, Skibbs Lane, Orpington, BR5 4HA Rev1

Date: 12.05.2021



In partnership with:

LOXONE

Flagship Partner
AUTOMATE











Offer number: 20210271

AT310 ALUMINIUM ENTRANCE DOOR

Internorm

CHARACTERISTICS

	Construction depth 93 mm	
	Colour inside Traffic white RAL9016 matt (M916) External colour Real timber oak oiled (SD10)	
	Locking Cylinder Multi-point lock (MV) Knob cyl. X-tra profile 55/40 keyed to differ (ZX18KV)	
	Handle inside Lever GD25 stainless steel (GD25) Handle outside Bar handle KGS square 1000 (KGS01)	
	Heat insulation* 0.81 W/m²K	
	Designer panel Designer element FA	
	Spacer Coating Glazing ISO spacer black ECLAZ® (high insulation value with high light transmission) Triple 48mm coated obscured glass 33b.2#(laminated)/15Ar/4/15Ar/b33.2#(laminated) (0.6W/m²K, 38dB, 3GN-IS_)	

- **Perfect material:** Aluminium stands for longevity, weather-resistance and has an easy-to-care-for surface.
- **Square-edged and profiled design:** Profiled inside and square-edged outside.
- **Excellent security protection:** Different security systems ensure reliable security protection.
- **Excellent thermal insulation:** 3-chamber frame profile and foam insulation core for very high thermal insulation. Thermally broken low threshold.
- **3 gaskets:** The continuous gaskets ensure increased thermal protection and sound reduction and have a positive effect on driving rain tightness and air tightness.
- **Protective aluminium:** Aluminium surface on the outside keeps the colour of your entrance door beautiful for many years. The smooth surface can be easily wiped and cleaned.

Deviations to this information are listed in the positions descriptions!

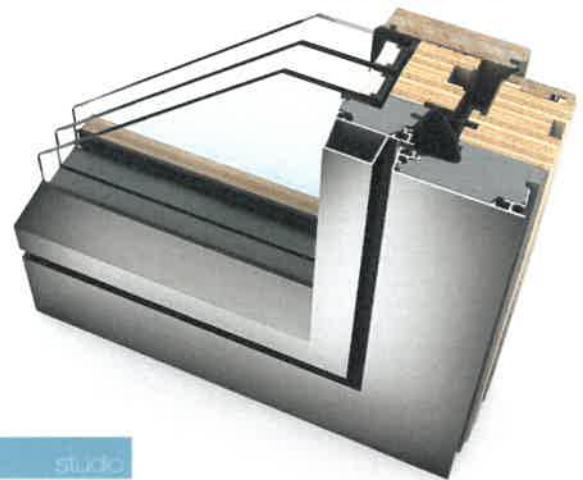
Offer number: 20210271

HF410 TIMBER/ALU WINDOW

Internorm

CHARACTERISTICS

- Construction depth** 85 mm
- Colour inside** Oak EI700 natural (EI700)
External colour Anthracite grey RAL7016 matt (HM716)
Moss Grey RAL 7003
- Locking** Fully concealed hardware
- Handle inside** Designer handle G80 lockable in F1 (36400)
Handle outside Long handleplate G80 in F1 (36368)
- Heat insulation*** 0.7 W/m²K
- Sound protection*** 35 dB



Symbolic photo

- Spacer** ISO spacer black
- Coating** ECLAZ® (high insulation value with high light transmission)
- Glazing** Triple 48mm coated clear glass 4btoughened/18Ar/4/18Ar/b4toughened (0.5W/m²K, 34dB, g=60%, 3T6-IS_)

- **Extra stable:** In the core of the window we process thinly bonded timber layers with I-tec core such as only used in highly stable roof beams and supports. Therefore, the timber is much more hard-wearing and allows larger window dimensions.
- **Narrow frame design:** I-tec core takes on static functions of the window, thereby a narrow, creative window frame becomes possible.
- **All around protection:** Glass pane is bonded with window sash (I-tec glazing) ensuring excellent stability, thermal insulation and security.
- **Perfectly combined:** Timber, aluminium and highly thermally insulating foam – this ingenious composite combination ensures excellent thermal insulation.
- **Triple gasket sealing system:** Three continuous gaskets ensure reliable thermal insulation, sound reduction, weather proofing as well as being airtight.
- **Invisible frame:** Window frame can be rendered into the brickwork on three sides.

I-tec Glazing

I-tec Core

Deviations to this information are listed in the positions descriptions!






*According to standard EN ISO 12567 or 10077 referring to a standard test window size of 1230x1480. Georgian/feature bars, thresholds etc. are not taken into consideration.

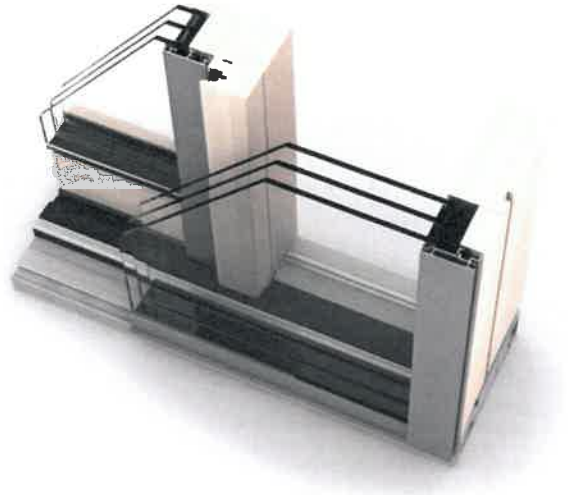
Offer number: 20210271

HS330 TIMBER/ALUMINIUM LIFT-SLIDING DOOR


Internorm

CHARACTERISTICS

-  **Construction depth** 209 mm
-  **Colour inside** Oak EI700 natural (EI700)
External colour Anthracite grey RAL7016 matt (HM716)
Moss Grey RAL 7003
-  **Handle inside** Designer handle G80 in F1 (36474)
Handle outside Recessed handle Dallas, chrome satined (36413)
-  **Heat insulation*** 0.72 W/m²K
-  **Sound protection*** No value



Symbolic photo

-  **Spacer** ISO spacer black
Glazing Triple 54mm coated clear glass 33b.2(laminated)-Light(XN)/18Ar/5/18Ar/b6toughened-Light(XN) (0.5W/m²K, 54Y-I__)

- **Modern design:** Square-edged appearance inside and out.
- **Combinable:** Can be combined perfectly with Internorm UPVC/aluminium and timber/aluminium windows.
- **All around protection:** Glass pane is bonded with window sash (I-tec glazing) ensuring excellent stability, thermal insulation and security.

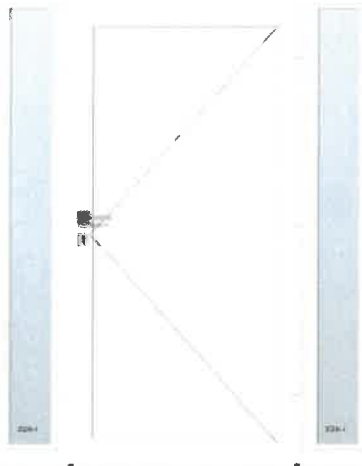
I-tec Glazing

Deviations to this information are listed in the positions descriptions!

*According to standard EN ISO 12567 or 10077 referring to a standard test window size of 1230x1480. Georgian/feature bars, thresholds etc. are not taken into consideration.

Offer number: 20210271

Pos.	Quantity	Description	Price per unit GBP	Total price GBP
GD01 Entrance	1,00 Pcs.	AT310 3-piece central sash Internorm aluminium entrance door Element width: 1600mm , Element height: 2000mm , Vertical division: 300/1000/300, Frame colour outside: Anthracite grey RAL7016 matt (HM716), <u>Glass characteristics</u> : Obscure glass: Matt foil Satinato white, Door sash: Opening direction: DIN right, <u>operation</u> : Cylinder ring stainless steel PR25 (PR25), Key hole cover plate stainless steel (GR25), Electric door opener lockable in position (ETOA), Fingerscan AF - SE micro 1, Height position: 1400mm (FFOK)Side element left: Side element right: <u>decorative element</u> : Type: FA1,	5.964,01	5.964,01



accessories: 30 mm connection bead PUR hard foam plate (30PU),
Security door latch: Stainless steel, Pre-drilled screw hardware 3-sided
(81), Concealed hinges, Altitude up to 700 m, Power pack for electric
door opener or lighting, Safety latch arrest,
Warning: Fingerprint controls only the electric door opener. (ETOA)
Finger scanner Integra with bluetooth, control unit micro.

Offer number: 20210271

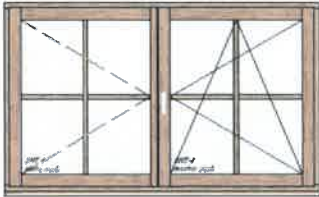
GW01
Office

1,00 Pcs.

HF410 2-piece master sash right

1.906,19

1.906,19



Internorm timber/aluminium window – studio

Width: **2000mm**, Height: **1200mm**,

Vertical division: 1000/1000,

Frame system: NR - frame 70mm,

Encased in solid timber,

Installation fields: **SFS/SFG**,

1st slave sash

Turn sash Opening direction: Left,

Glazing: Triple 48mm coated clear glass

33b.2(laminated)/18Ar/4/15Ar/b4toughened (0.6W/m²K, 37dB, g=55%, 3HT-IS₂),

Accessories hardware: Turn limiter,

Georgian/feature bars: 1 x horizontal / 1 x vertical, Glued

Georgian/feature bar 30mm, Vertical division: 523.1/476.9, Horizontal division: 600/600,

2nd master sash

Turn/tilt sash Opening direction: Right, Handle height from sash bottom bead: 571mm,

Glazing: Triple 48mm coated clear glass

33b.2(laminated)/18Ar/4/15Ar/b4toughened (0.6W/m²K, 37dB, g=55%, 3HT-IS₂),

Accessories hardware: Night vent, Turn limiter, Faulty operation safety device, Slam protection,

Georgian/feature bars: 1 x horizontal / 1 x vertical, Glued

Georgian/feature bar 30mm, Vertical division: 476.9/523.09,

Horizontal division: 600/600,

Specification:

Connection bead/building connection: 30 mm connection bead PUR hard foam plate (30PU)

Extras: Drainage towards bottom (concealed), Element packaged,

Silicone colour: Black, Rebate formation: Black,

Adjusted for wall anchor hardware (01)

Altitude up to 700 m

dB value (EN ISO 717-1): 38 dB

Uw value (EN ISO 12567 / EN ISO 10077): 0.78 W/m²K

dB value (according to performance declaration): 38 dB

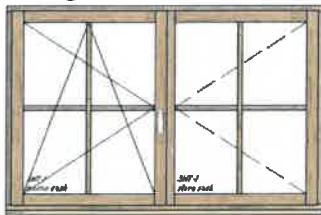
Uw value (acc. to performance declaration): 0.98 W/m²K

Warning:

Differences in colour, annual growth ring width and grain with timber types larch, oak and ash are part of their characteristic appearance and no reason for complaint.

Offer number: 20210271

GW02 1,00 Pcs.
Sitting R.



HF410 2-piece master sash left 1.986,17 1.986,17

Internorm timber/aluminium window – studio

Width: **2000mm**, Height: **1300mm**,

Vertical division: 1000/1000,

Frame system: NR - frame 70mm,

Encased in solid timber,

Installation fields: **SFG/SFS**,

1st master sash

Turn/tilt sash Opening direction: Left, Handle height from sash bottom bead: 571mm,

Glazing: Triple 48mm coated clear glass

33b.2(laminated)/18Ar/4/15Ar/b4toughened (0.6W/m²K, 37dB, g=55%, 3HT-IS₋),

Accessories hardware: Night vent, Turn limiter, Faulty operation safety device, Slam protection,

Georgian/feature bars: 1 x horizontal / 1 x vertical, Glued

Georgian/feature bar 30mm, Vertical division: 523.1/476.9, Horizontal division: 650/650,

2nd slave sash

Turn sash Opening direction: Right,

Glazing: Triple 48mm coated clear glass

33b.2(laminated)/18Ar/4/15Ar/b4toughened (0.6W/m²K, 37dB, g=55%, 3HT-IS₋),

Accessories hardware: Turn limiter,

Georgian/feature bars: 1 x horizontal / 1 x vertical, Glued

Georgian/feature bar 30mm, Vertical division: 476.9/523.1, Horizontal division: 650/650,

Specification:

Connection bead/building connection: 30 mm connection bead PUR hard foam plate (30PU)

Extras: Drainage towards bottom (concealed), Element packaged,

Silicone colour: Black, Rebate formation: Black,

Adjusted for wall anchor hardware (01)

Altitude up to 700 m

dB value (EN ISO 717-1): 38 dB

Uw value (EN ISO 12567 / EN ISO 10077): 0.78 W/m²K

dB value (according to performance declaration): 38 dB

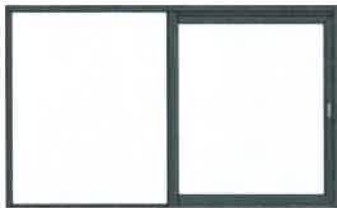
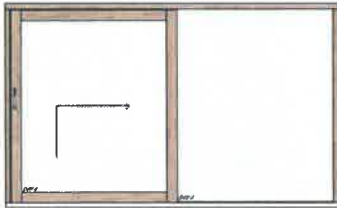
Uw value (acc. to performance declaration): 0.98 W/m²K

Warning:

Differences in colour, annual growth ring width and grain with timber types larch, oak and ash are part of their characteristic appearance and no reason for complaint.

Offer number: 20210271

GD02 1,00 Pcs.
Living R. 1



Timber alu lift-sliding door HS330 2 8.550,38 8.550,38
pieces left

Frame width: **3500mm**, Frame height: **2145mm**,
Vertical division: 1750/1750,
Frame system: Normal frame,
Installation fields: **IF/FIX**,

IF sash:

Lift-sliding door (HST) Handle side: Left, Half cylinder: Half cylinder
50/0 keyed to differ (EHZ50N),

Accessories hardware: With anti-bow drive, With comfort close
damping function,

Fixed element:

Specification:

Connection bead/building connection: Without connection bead (-)

Extras: Silicone colour: Black,

Pre-drilled f. screw fitting 3-sided (81)

Altitude up to 700 m

dB value (according to performance declaration): Not defined

Uw value (acc. to performance declaration): 0.72 W/m²K

Warning:

At least one glass weight amounts to 148 kg. Please ensure that you
have sufficient loading staff. Please ensure that careful unloading can
be guaranteed. (Storage, work safety, loading staff, etc.).

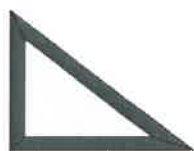
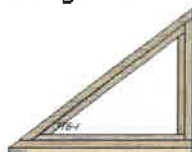
Differences in colour, annual growth ring width and grain with timber
types larch, oak and ash are part of their characteristic appearance
and no reason for complaint.

The force required to open the sliding sash increases by 45N.

Number of glazing to be delivered unglazed: 1 (#201)

Offer number: 20210271

GD02 Living R. 2	1,00 Pcs.	HF410 construction model	768,67	768,67
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Internorm timber/aluminium window – studio

Width: **900mm**, Height: **700mm**,
Structural shape: Form A left (AL), Angle top: 52,13°,
Frame system: NR - frame 70mm,
Encased in solid timber,
Installation fields: **FIX**,

1st fixed element

Specification:

Connection bead/building connection: 30 mm connection bead PUR hard foam plate (30PU)

Extras: Drainage towards bottom (concealed), Element packaged, Silicone colour: Black,

Adjusted for wall anchor hardware (01)

Altitude up to 700 m

dB value (according to performance declaration): 35 dB

Uw value (acc. to performance declaration): 0.7 W/m²K

Warning:

Differences in colour, annual growth ring width and grain with timber types larch, oak and ash are part of their characteristic appearance and no reason for complaint.

GD02 Living R. 3	1,00 Pcs.	HF410 construction model	867,05	867,05
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Internorm timber/aluminium window – studio

Width: **700mm**, Height: **1400mm**,
Structural shape: Form B left (BL), short Height: 855,7mm, Angle top: 52,13°,

Frame system: NR - frame 70mm,

Encased in solid timber,

Installation fields: **FIX**,

1st fixed element

Specification:

Connection bead/building connection: 30 mm connection bead PUR hard foam plate (30PU)

Extras: Drainage towards bottom (concealed), Element packaged, Silicone colour: Black,

Adjusted for wall anchor hardware (01)

Altitude up to 700 m

dB value (according to performance declaration): 35 dB

Uw value (acc. to performance declaration): 0.7 W/m²K

Warning:

Differences in colour, annual growth ring width and grain with timber types larch, oak and ash are part of their characteristic appearance and no reason for complaint.

Offer number: 20210271

GD02
Living R. 4

1,00 Pcs.

HF410 construction model

1.164,78

1.164,78



Internorm timber/aluminium window – studio

Width: **700mm**, Height: **1800mm**,

Structural shape: Form F (F), Height left: 1500,0mm, Height right: 1500,0mm, Width left: 350,0mm, Width right: 350,0mm, Angle left: 130,60°, Angle right: 130,60°,

Frame system: NR - frame 70mm,

Encased in solid timber,

Installation fields: **FIX**,

1st fixed element

Specification:

Connection bead/building connection: 30 mm connection bead PUR hard foam plate (30PU)

Extras: Drainage towards bottom (concealed), Element packaged,

Silicone colour: Black,

Adjusted for wall anchor hardware (01)

Altitude up to 700 m

dB value (according to performance declaration): 35 dB

Uw value (acc. to performance declaration): 0.7 W/m²K

Warning:

Differences in colour, annual growth ring width and grain with timber types larch, oak and ash are part of their characteristic appearance and no reason for complaint.



GD02
Living R. 5

1,00 Pcs.

HF410 construction model

867,05

867,05



Internorm timber/aluminium window – studio

Width: **700mm**, Height: **1400mm**,

Structural shape: Form B right (BR), short Height: 855,7mm, Angle top: 52,13°, Frame system: NR - frame 70mm,

Encased in solid timber, Installation fields: **FIX**,

1st fixed element

Specification:

Connection bead/building connection: 30 mm connection bead PUR hard foam plate (30PU)

Extras: Drainage towards bottom (concealed), Element packaged,

Silicone colour: Black,

Adjusted for wall anchor hardware (01)

Altitude up to 700 m

dB value (according to performance declaration): 35 dB

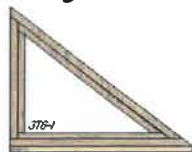
Uw value (acc. to performance declaration): 0.7 W/m²K

Warning: Differences in colour, annual growth ring width and grain with timber types larch, oak and ash are part of their characteristic appearance and no reason for complaint.



Offer number: 20210271

GD02 Living R. 6	1,00 Pcs.	HF410 construction model	768,67	768,67
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Internorm timber/aluminium window – studio

Width: **900mm**, Height: **700mm**,
 Structural shape: Form A right (AR), Angle top: 52,13°,
 Frame system: NR - frame 70mm,
 Encased in solid timber,
 Installation fields: **FIX**,

1st fixed element

Specification:

Connection bead/building connection: 30 mm connection bead PUR hard foam plate (30PU)

Extras: Drainage towards bottom (concealed), Element packaged, Silicone colour: Black,

Adjusted for wall anchor hardware (01)

Altitude up to 700 m

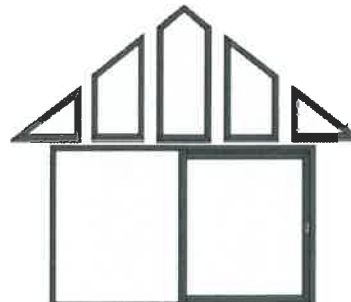
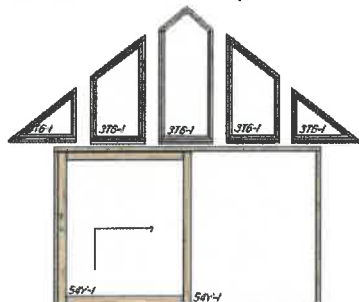
dB value (according to performance declaration): 35 dB

Uw value (acc. to performance declaration): 0.7 W/m²K

Warning:

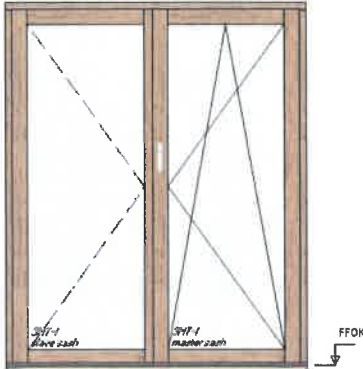
Differences in colour, annual growth ring width and grain with timber types larch, oak and ash are part of their characteristic appearance and no reason for complaint.

GD02 View	1,00 Pcs.	Combinational graphics	0,00	0,00
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Offer number: 20210271

GD03 1,00 Pcs.
Living R.



HF410 door 2-piece low threshold master sash R 1.949,88 1.949,88

Internorm timber/aluminium window – studio

Width: **1500mm**, Height: **1800mm**,

Vertical division: 750/750,

Frame system: NR - frame 70mm, Low threshold according to ÖNORM 30mm,

Encased in solid timber,

Installation fields: **TSFS/TSFG**,

1st slave sash (low threshold)

Turn door Opening direction: Left,

Glazing: Triple 48mm coated clear glass

33b.2(laminated)/18Ar/4/15Ar/b4toughened (0.6W/m²K, 37dB, g=55%, 3HT-IS₂),

Accessories hardware: Sash bearing rod with turn limiter with brake,

2nd master sash (low threshold)

Turn/tilt door sash Opening direction: Right, Handle height from sash bottom bead: 1066mm, External pull handle: Without external pull handle,

Glazing: Triple 48mm coated clear glass

33b.2(laminated)/18Ar/4/15Ar/b4toughened (0.6W/m²K, 37dB, g=55%, 3HT-IS₂),

Accessories hardware: Sash bearing rod with turn limiter with brake, Faulty operation safety device, Slam protection,

Specification:

Connection bead/building connection: 30 mm connection bead PUR hard foam plate (30PU)

Extras: Element packaged, Silicone colour: Black, Rebate formation: Black,

Adjusted for wall anchor hardware (01)

Altitude up to 700 m

dB value (EN ISO 717-1): 38 dB

Uw value (EN ISO 12567 / EN ISO 10077): 0.78 W/m²K

dB value (according to performance declaration): 38 dB

Uw value (acc. to performance declaration): 0.78 W/m²K

Warning:

Use low threshold doors only in protected fitting situations (limited protection against driving rain).

Attention! Frame height is 11,2mm larger than ordering size (FFOK).

Differences in colour, annual growth ring width and grain with timber types larch, oak and ash are part of their characteristic appearance and no reason for complaint.

Offer number: 20210271

GD04
Utility

1,00 Pcs.

HF410 1-piece door with low
threshold

1.903,95

1.903,95



Internorm timber/aluminium window – studio

Width: **1000mm**, Height: **2000mm**,

Frame system: NR - frame 70mm, Low threshold according to ÖNORM 30mm,

Encased in solid timber,

Installation fields: **TIF**,

1st door sash (low threshold)

Turn door lockable multi-point lock Opening direction: Left, Handle height from sash bottom bead: 1066mm, Cylinder: X-tra profile 80/45 keyed to differ (ZX4BV), Handle inside: Long handleplate G80 in F1 (36372),

Installation counter profile/sash transom:

Sash transom 1 * horizontal (1W), Asymmetrical sash transom,

Division: 800/1200,

Glazing 1: Panel 48mm (0.7W/m²K, 29dB, P48),

Glazing 2: Triple 48mm coated clear glass

33b.2(laminated)/18Ar/4/15Ar/b4toughened (0.6W/m²K, 37dB, g=55%, 3HT-IS_),

Accessories hardware: Sash bearing rod with turn limiter with brake,

Panel version: Foam core,

Georgian/feature bars: 1 x horizontal / 1 x vertical, Glued

Georgian/feature bar 30mm, Vertical division: 500/500, Horizontal

division: 556.5/643.5,

Specification:

Connection bead/building connection: 30 mm connection bead PUR hard foam plate (30PU)

Extras: Element packaged, Silicone colour: Black, Rebate formation: Black,

Adjusted for wall anchor hardware (01)

Altitude up to 700 m

dB value (EN ISO 717-1): 30 dB

Uw value (EN ISO 12567 / EN ISO 10077): 0.88 W/m²K

dB value (according to performance declaration): 30 dB

Uw value (acc. to performance declaration): 1.28 W/m²K

Warning:

Use low threshold doors only in protected fitting situations (limited protection against driving rain).

Attention! Frame height is 11,2mm larger than ordering size (FFOK).

Differences in colour, annual growth ring width and grain with timber types larch, oak and ash are part of their characteristic appearance and no reason for complaint.

Offer number: 20210271

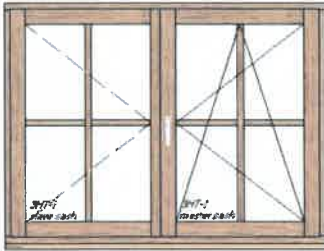
GW03
Utility

1,00 Pcs.

HF410 2-piece master sash right

1.703,57

1.703,57



Internorm timber/aluminium window – studio

Width: **1600mm**, Height: **1200mm**,

Vertical division: 800/800,

Frame system: NR - frame 70mm,

Encased in solid timber,

Installation fields: **SFS/SFG**,

1st slave sash

Turn sash Opening direction: Left,

Glazing: Triple 48mm coated clear glass

33b.2(laminated)/18Ar/4/15Ar/b4toughened (0.6W/m²K, 37dB, g=55%, 3HT-IS_),

Accessories hardware: Turn limiter,

Georgian/feature bars: 1 x horizontal / 1 x vertical, Glued

Georgian/feature bar 30mm, Vertical division: 423.1/376.9, Horizontal division: 600/600,

2nd master sash

Turn/tilt sash Opening direction: Right, Handle height from sash bottom bead: 571mm,

Glazing: Triple 48mm coated clear glass

33b.2(laminated)/18Ar/4/15Ar/b4toughened (0.6W/m²K, 37dB, g=55%, 3HT-IS_),

Accessories hardware: Night vent, Turn limiter, Faulty operation safety device, Slam protection,

Georgian/feature bars: 1 x horizontal / 1 x vertical, Glued

Georgian/feature bar 30mm, Vertical division: 376.9/423.1, Horizontal division: 600/600,

Specification:

Connection bead/building connection: 30 mm connection bead PUR hard foam plate (30PU)

Extras: Drainage towards bottom (concealed), Element packaged,

Silicone colour: Black, Rebate formation: Black,

Adjusted for wall anchor hardware (01)

Altitude up to 700 m

dB value (EN ISO 717-1): 38 dB

Uw value (EN ISO 12567 / EN ISO 10077): 0.78 W/m²K

dB value (according to performance declaration): 38 dB

Uw value (acc. to performance declaration): 0.98 W/m²K

Warning:

Differences in colour, annual growth ring width and grain with timber types larch, oak and ash are part of their characteristic appearance and no reason for complaint.

Offer number: 20210271

GW04 WC

1,00 Pcs.

HF410 1-piece sash

708,12

708,12



Internorm timber/aluminium window – studio

Width: **600mm**, Height: **900mm**,

Frame system: NR - frame 70mm,

Encased in solid timber,

Installation fields: **SF**,

1st sash

Turn/tilt sash Opening direction: Right, Handle height from sash bottom bead: 281mm,

Glazing: Triple 48mm coated obscured glass

33b.2(laminated)/15Ar/4/15Ar/b33.2#(laminated) (0.6W/m²K, 38dB, 3GG-IS₁),

Accessories hardware: Night vent, Turn limiter, Faulty operation safety device, Tilt limiter,

Specification:

Connection bead/building connection: 30 mm connection bead PUR hard foam plate (30PU)

Extras: Drainage towards bottom (concealed), Element packaged,

Silicone colour: Black, Rebate formation: Black,

Adjusted for wall anchor hardware (01)

Altitude up to 700 m

Glass characteristics: Obscure glass: Matt foil Satinato white,

dB value (EN ISO 717-1): 38 dB

Uw value (EN ISO 12567 / EN ISO 10077): 0.78 W/m²K

dB value (according to performance declaration): 38 dB

Uw value (acc. to performance declaration): 0.78 W/m²K

Warning:

Differences in colour, annual growth ring width and grain with timber types larch, oak and ash are part of their characteristic appearance and no reason for complaint.

Offer number: 20210271

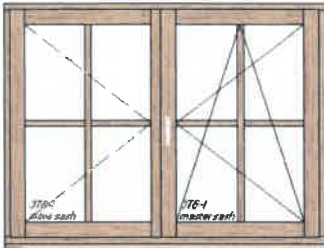
FW01
Dressing
R.

1,00 Pcs.

HF410 2-piece master sash right

1.671,58

1.671,58



Internorm timber/aluminium window – studio

Width: **1600mm**, Height: **1200mm**,

Vertical division: 800/800,

Frame system: NR - frame 70mm,

Encased in solid timber,

Installation fields: **SFS/SFG**,

1st slave sash

Turn sash Opening direction: Left,

Accessories hardware: Turn limiter,

Georgian/feature bars: 1 x horizontal / 1 x vertical, Glued

Georgian/feature bar 30mm, Vertical division: 423.1/376.9, Horizontal division: 600/600,

2nd master sash

Turn/tilt sash Opening direction: Right, Handle height from sash bottom bead: 571mm,

Accessories hardware: Night vent, Turn limiter, Faulty operation safety device, Slam protection,

Georgian/feature bars: 1 x horizontal / 1 x vertical, Glued

Georgian/feature bar 30mm, Vertical division: 376.9/423.1, Horizontal division: 600/600,

Specification:

Connection bead/building connection: 30 mm connection bead PUR hard foam plate (30PU)

Extras: Drainage towards bottom (concealed), Element packaged,

Silicone colour: Black, Rebate formation: Black,

Adjusted for wall anchor hardware (01)

Altitude up to 700 m

dB value (according to performance declaration): 35 dB

Uw value (acc. to performance declaration): 0.9 W/m²K

Warning:

Differences in colour, annual growth ring width and grain with timber types larch, oak and ash are part of their characteristic appearance and no reason for complaint.

Offer number: 20210271

FW02 Bed 1	1,00 Pcs.	HF410 1-piece sash	644,05	644,05
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Internorm timber/aluminium window – studio

Width: **500mm**, Height: **900mm**,

Frame system: NR - frame 70mm,

Encased in solid timber,

Installation fields: **SF**,

1st sash

Turn sash Opening direction: Left, Handle height from sash bottom bead: 281mm,

Accessories hardware: Faulty operation safety device,

Specification:

Connection bead/building connection: 30 mm connection bead PUR hard foam plate (30PU)

Extras: Drainage towards bottom (concealed), Element packaged,

Silicone colour: Black, Rebate formation: Black,

Adjusted for wall anchor hardware (01)

Altitude up to 700 m

dB value (according to performance declaration): 35 dB

Uw value (acc. to performance declaration): 0.7 W/m²K

Warning:

Differences in colour, annual growth ring width and grain with timber types larch, oak and ash are part of their characteristic appearance and no reason for complaint.

Offer number: 20210271

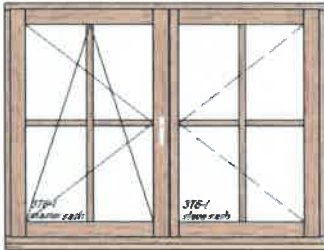
FW03 Bed
1

1,00 Pcs.

HF410 2-piece master sash left

1.671,58

1.671,58



Internorm timber/aluminium window – studio

Width: **1600mm**, Height: **1200mm**,

Vertical division: 800/800,

Frame system: NR - frame 70mm,

Encased in solid timber,

Installation fields: **SFG/SFS**,

1st master sash

Turn/tilt sash Opening direction: Left, Handle height from sash bottom bead: 571mm,

Accessories hardware: Night vent, Turn limiter, Faulty operation safety device, Slam protection,

Georgian/feature bars: 1 x horizontal / 1 x vertical, Glued

Georgian/feature bar 30mm, Vertical division: 423.1/376.9, Horizontal division: 600/600,

2nd slave sash

Turn sash Opening direction: Right,

Accessories hardware: Turn limiter,

Georgian/feature bars: 1 x horizontal / 1 x vertical, Glued

Georgian/feature bar 30mm, Vertical division: 376.9/423.1, Horizontal division: 600/600,

Specification:

Connection bead/building connection: 30 mm connection bead PUR hard foam plate (30PU)

Extras: Drainage towards bottom (concealed), Element packaged,

Silicone colour: Black, Rebate formation: Black,

Adjusted for wall anchor hardware (01)

Altitude up to 700 m

dB value (according to performance declaration): 35 dB

Uw value (acc. to performance declaration): 0.9 W/m²K

Warning:

Differences in colour, annual growth ring width and grain with timber types larch, oak and ash are part of their characteristic appearance and no reason for complaint.

Offer number: 20210271

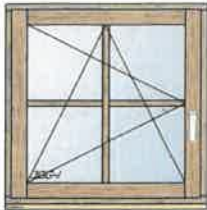
FW04
Bath.

1,00 Pcs.

HF410 1-piece sash

988,40

988,40



Internorm timber/aluminium window – studio

Width: **1000mm**, Height: **1000mm**,

Frame system: NR - frame 70mm,

Encased in solid timber,

Installation fields: **SF**,

1st sash

Turn/tilt sash Opening direction: Left, Handle height from sash bottom bead: 396mm,

Glazing: Triple 48mm coated obscured glass

33b.2(laminated)/15Ar/4/15Ar/b33.2#(laminated) (0.6W/m²K, 38dB, 3GG-IS_),

Accessories hardware: Night vent, Turn limiter, Faulty operation safety device, Slam protection,

Georgian/feature bars: 1 x horizontal / 1 x vertical, Glued

Georgian/feature bar 30mm, Vertical division: 500/500, Horizontal division: 500/500,

Specification:

Connection bead/building connection: 30 mm connection bead PUR hard foam plate (30PU)

Extras: Drainage towards bottom (concealed), Element packaged, Silicone colour: Black, Rebate formation: Black,

Adjusted for wall anchor hardware (01)

Altitude up to 700 m

Glass characteristics: Obscure glass: Matt foil Satinato white,

dB value (EN ISO 717-1): 38 dB

Uw value (EN ISO 12567 / EN ISO 10077): 0.78 W/m²K

dB value (according to performance declaration): 38 dB

Uw value (acc. to performance declaration): 0.88 W/m²K

Warning:

Differences in colour, annual growth ring width and grain with timber types larch, oak and ash are part of their characteristic appearance and no reason for complaint.

Offer number: 20210271

FW05 Bed 3	1,00 Pcs.	HF410 1-piece sash	950,30	950,30
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Internorm timber/aluminium window – studio

Width: **1000mm**, Height: **1000mm**,

Frame system: NR - frame 70mm,

Encased in solid timber,

Installation fields: **SF**,

1st sash

Turn/tilt sash Opening direction: Right, Handle height from sash bottom bead: 396mm,

Accessories hardware: Night vent, Turn limiter, Faulty operation safety device, Slam protection,

Georgian/feature bars: 1 x horizontal / 1 x vertical, Glued

Georgian/feature bar 30mm, Vertical division: 500/500, Horizontal division: 500/500,

Specification:

Connection bead/building connection: 30 mm connection bead PUR hard foam plate (30PU)

Extras: Drainage towards bottom (concealed), Element packaged,

Silicone colour: Black, Rebate formation: Black,

Adjusted for wall anchor hardware (01)

Altitude up to 700 m

dB value (according to performance declaration): 35 dB

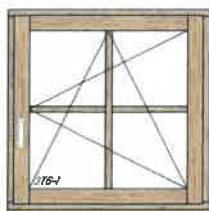
Uw value (acc. to performance declaration): 0.8 W/m²K

Warning:

Differences in colour, annual growth ring width and grain with timber types larch, oak and ash are part of their characteristic appearance and no reason for complaint.

Offer number: 20210271

FW06 Bed 3	1,00 Pcs.	HF410 1-piece sash	950,30	950,30
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Internorm timber/aluminium window – studio

Width: **1000mm**, Height: **1000mm**,

Frame system: NR - frame 70mm,

Encased in solid timber,

Installation fields: **SF**,

1st sash

Turn/tilt sash Opening direction: Right, Handle height from sash bottom bead: 396mm,

Accessories hardware: Night vent, Turn limiter, Faulty operation safety device, Slam protection,

Georgian/feature bars: 1 x horizontal / 1 x vertical, Glued

Georgian/feature bar 30mm, Vertical division: 500/500, Horizontal division: 500/500,

Specification:

Connection bead/building connection: 30 mm connection bead PUR hard foam plate (30PU)

Extras: Drainage towards bottom (concealed), Element packaged,

Silicone colour: Black, Rebate formation: Black,

Adjusted for wall anchor hardware (01)

Altitude up to 700 m

dB value (according to performance declaration): 35 dB

Uw value (acc. to performance declaration): 0.8 W/m²K

Warning:

Differences in colour, annual growth ring width and grain with timber types larch, oak and ash are part of their characteristic appearance and no reason for complaint.

Offer number: 20210271

FW07 Bed 2	1,00 Pcs.	HF410 1-piece sash	950,30	950,30
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Internorm timber/aluminium window – studio

Width: **1000mm**, Height: **1000mm**,

Frame system: NR - frame 70mm,

Encased in solid timber,

Installation fields: **SF**,

1st sash

Turn/tilt sash Opening direction: Left, Handle height from sash bottom bead: 396mm,

Accessories hardware: Night vent, Turn limiter, Faulty operation safety device, Slam protection,

Georgian/feature bars: 1 x horizontal / 1 x vertical, Glued

Georgian/feature bar 30mm, Vertical division: 500/500, Horizontal division: 500/500,

Specification:

Connection bead/building connection: 30 mm connection bead PUR hard foam plate (30PU)

Extras: Drainage towards bottom (concealed), Element packaged,

Silicone colour: Black, Rebate formation: Black,

Adjusted for wall anchor hardware (01)

Altitude up to 700 m

dB value (according to performance declaration): 35 dB

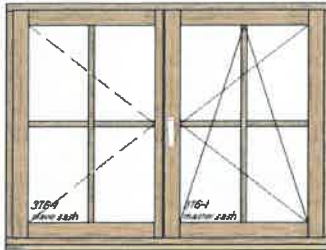
Uw value (acc. to performance declaration): 0.8 W/m²K

Warning:

Differences in colour, annual growth ring width and grain with timber types larch, oak and ash are part of their characteristic appearance and no reason for complaint.

Offer number: 20210271

FW08 Bed 1,00 Pcs.
2



HF410 2-piece master sash right 1.671,58 1.671,58

Internorm timber/aluminium window – studio

Width: **1600mm**, Height: **1200mm**,

Vertical division: 800/800,

Frame system: NR - frame 70mm,

Encased in solid timber,

Installation fields: **SFS/SFG**,

1st slave sash

Turn sash Opening direction: Left,

Accessories hardware: Turn limiter,

Georgian/feature bars: 1 x horizontal / 1 x vertical, Glued

Georgian/feature bar 30mm, Vertical division: 423.1/376.9, Horizontal

division: 600/600,

2nd master sash

Turn/tilt sash Opening direction: Right, Handle height from sash

bottom bead: 571mm,

Accessories hardware: Night vent, Turn limiter, Faulty operation safety

device, Slam protection,

Georgian/feature bars: 1 x horizontal / 1 x vertical, Glued

Georgian/feature bar 30mm, Vertical division: 376.9/423.1, Horizontal

division: 600/600,

Specification:

Connection bead/building connection: 30 mm connection bead PUR

hard foam plate (30PU)

Extras: Drainage towards bottom (concealed), Element packaged,

Silicone colour: Black, Rebate formation: Black,

Adjusted for wall anchor hardware (01)

Altitude up to 700 m

dB value (according to performance declaration): 35 dB

Uw value (acc. to performance declaration): 0.9 W/m²K

Warning:

Differences in colour, annual growth ring width and grain with timber types larch, oak and ash are part of their characteristic appearance and no reason for complaint.

Offer number: 20210271

FW09 Hall

1,00 Pcs.

HF410 1-piece sash

950,30

950,30



Internorm timber/aluminium window – studio

Width: **1000mm**, Height: **1000mm**,

Frame system: NR - frame 70mm,

Encased in solid timber,

Installation fields: **SF**,

1st sash

Turn/tilt sash Opening direction: Left, Handle height from sash bottom bead: 396mm,

Accessories hardware: Night vent, Turn limiter, Faulty operation safety device, Slam protection,

Georgian/feature bars: 1 x horizontal / 1 x vertical, Glued

Georgian/feature bar 30mm, Vertical division: 500/500, Horizontal

division: 500/500,

Specification:

Connection bead/building connection: 30 mm connection bead PUR hard foam plate (30PU)

Extras: Drainage towards bottom (concealed), Element packaged,

Silicone colour: Black, Rebate formation: Black,

Adjusted for wall anchor hardware (01)

Altitude up to 700 m

dB value (according to performance declaration): 35 dB

Uw value (acc. to performance declaration): 0.8 W/m²K

Warning:

Differences in colour, annual growth ring width and grain with timber types larch, oak and ash are part of their characteristic appearance and no reason for complaint.