

31406
CARLSON & COMPANY LTD.
CALMOUNT PARK, BALLYMOUNT
DUBLIN 12, IRELAND
0000 Ireland
00353-1-4625777

Delivery address:

Our ref.....: EZI
Your ref.....: James
Reqv. No.....: JSV/1605/8960
Subject.....: Clonlea Lodge B

Page: 1

Week of ship.:
Day of ship.:
Date.....: 23-06-2016
Serie.....:
Rev.....: 1

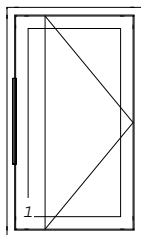
Please note: All our drawings are seen from the outside

The following quotation is for Outline HORIZONT ENERGY standard profiles and hinging mechanisms.

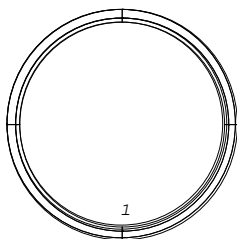
FRAME TREATMENT WOOD.. Ral 9010 Pure White
ALL SASHES

SASH TREATMENT WOOD... Ral 9010 Pure White
FRAME TREATMENT ALU... Ral 7016 Anthracite grey (Gloss 30)
SASH TREATMENT ALU.... Ral 7016 Anthracite grey (Gloss 30)

| Pos | Type | No's | Unit | Description: | Width x height | EUR/each | Total |
|-----|--------|------|------|---|----------------|----------|-------|
| 1 | 5VU1-1 | 1 | pcs | Horizont Window Energy 3-Layers W20 Uw: 1.04 W/m2K Ew: -35.5 kWh/m2 LT: 74 % g: 53 % Glasandel: 56 % Modelareal: 0.61 m2 Weight: 23 kg PROFILE SYSTEM..... Classic with window board groove SASH1 OPERATION..... Sidehung on reflex w/security espagn.M5 L/OUT SASH : 1 AREAL CONTENTS..... Low-e/Float/Low-e 4-14-4-14-4 ACCESSORIES..... Conc. L/Jamb Alu/Grey Clickvent 40 /AREA 1 ACCESSORIES..... Insect mesh for vent /AREA 0 | 598 x 1023 | *,** | *,** |



| | | | | | | | |
|----|---------|---|-----|---|-----------|------|------|
| 2* | 5ØFK1-1 | 1 | pcs | Horizont Fixed frame W21 Uw: 0.72 W/m2K Ew: 16.9 kWh/m2 LT: 74 % g: 53 % Glasandel: 79 % Modelareal: 0.64 m2 Weight: 16 kg PROFILE SYSTEM..... Classic w/out window board groove ACCESSORIES..... Round fix frame SASH : 1 AREAL CONTENTS..... Low-e/Float/Low-e 4-12-4-12-4 MODELL R = 450,0 Frame joints (curved element) (2) | 900 x 900 | *,** | *,** |
|----|---------|---|-----|---|-----------|------|------|



Transport

*,**

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| Pos | Type | No's | Unit | Description: | Width x height | EUR/each | Total |
|-----|--------------|------|------|---|----------------|----------|-------|
| | | | | Transport | | | *,** |
| 3 | 5XSP3-5F2-2~ | 1 | pcs | Træ/Alu Sideparti Energy 3-lags | 3523 x 2023 | *,** | *,** |
| | | | | W22 | | | |
| | | | | Uw: 0.97 W/m2K | | | |
| | | | | LT: 74 % g: 53 % Glasandel: 74 % | | | |
| | | | | Modelareal: 7.13 m2 Weight: 241 kg | | | |
| | | | | PROFILE SYSTEM..... Classic o/out,alu threshold | | | |
| | | | | SASH4..... Classic w/out window board groove | | | |
| | | | | SASH4 OPERATION..... Topguided with espagnolette T/G | | | |
| | | | | SASH5..... Classic w/out window board groove | | | |
| | | | | SASH5 OPERATION..... Topguided with espagnolette T/G | | | |
| | | | | FRAME P-MESS1..... 1011.5 mm. | | | |
| | | | | SASH : 1-3 | | | |
| | | | | AREA2 CONTENTS..... Thg. Low-e/Fl/Thg Low-e 4-12-4-12-4 | | | |
| | | | | SASH : 4-5 | | | |
| | | | | AREA1 CONTENTS..... Low-e/Float/Low-e 4-14-4-14-4 | | | |
| | | | | ACCESSORIES..... Conc. L/Jamb Alu/Grey Clickvent 40 /AREA 4 | | | |
| | | | | ACCESSORIES..... Conc. R/Jamb Alu/Grey Clickvent 40 /AREA 5 | | | |
| | | | | ACCESSORIES..... Insect mesh for vent /AREA 0 | | | |
| | | | | | | | |
| 4 | 5KDDU4-4F1-~ | 1 | pcs | Horizont Door Screen Energy 3-layers | 3523 x 2023 | *,** | *,** |
| | | | | W23/24 | | | |
| | | | | Uw: 0.99 W/m2K | | | |
| | | | | LT: 74 % g: 53 % Glasandel: 69 % | | | |
| | | | | Modelareal: 7.13 m2 Weight: 242 kg | | | |
| | | | | PROFILE SYSTEM..... Classic o/out alu threshold | | | |
| | | | | SASH1..... Classic o/out,alu threshold | | | |
| | | | | SASH2 OPERATION..... 3 point espagn.,friction brake, lockable L/OUT | | | |
| | | | | SASH3 OPERATION..... Second leaf with flush bolts R/OUT | | | |
| | | | | SASH4..... Classic o/out,alu threshold | | | |
| | | | | FRAME P-MESS1..... 924.0 mm. | | | |
| | | | | FRAME P-MESS2..... 2599.0 mm. | | | |
| | | | | SASH : 1,4 | | | |
| | | | | AREA2 CONTENTS..... Thg. Low-e/Fl/Thg Low-e 4-12-4-12-4 | | | |
| | | | | SASH : 2-3 | | | |
| | | | | AREA2 CONTENTS..... Thg Low-e/Fl/Thg Low-e 4-14-4-14-4 | | | |
| | | | | ACCESSORIES..... Db.Terrace door handle Cyl/Thumbturn SAA /AREA 2 | | | |
| | | | | ACCESSORIES..... Brake IPA22411 in top of Doorleaf /AREA 3 | | | |
| | | | | Terrace door with FIX espag. for cylinder. | | | |
| | | | | With friction brake. | | | |
| | | | | Hole for handle/cylinder (accessories) | | | |
| | | | | | | | |
| | | | | Transport | | | *,** |

QUOTE

3092384



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| Pos | Type | No's | Unit | Description: | Width x height | EUR/each | Total |
|-----|------|------|------|--|----------------|----------|-------|
| 5 | | | | Transport This order will be produced with FSC certified timber. Curved, Panels and Plankdoors are not FSC certified. Certifikation: FSC Mixed 70% - SW-COC-003340 | | | *,** |

Total units: 4 (522 Kg.) (6.0 length meters)

Total circumference: 29.03 m bottom frame: 8.54 m

Average U-value: 0.97 W/m²K

TOT. *,**

The quotation will be valid for 30 days from today's date.

Salgs- & leveringsbetingelser ses på www.vinduesindustrien.dk

TOTAL/EUR *,**

Energy calculation - Data overview

| Pos | Model | Qty | SqM | Ew | Uw | Gw | LT | Gg | Ff | Eref | Cl. |
|----------------|---------------------|-----|-------|-------|------|------|------|------|------|------|-----|
| 1 | 5VU1-1 | 1 | 0.61 | -35.5 | 1.04 | 0.30 | 0.74 | 0.53 | 0.56 | | |
| 2 | 5ØFK1-1 | 1 | 0.64 | 16.9 | 0.72 | 0.42 | 0.74 | 0.53 | 0.79 | | |
| 3 | 5XSP3-5F2-2R4-1-01 | 1 | 7.13 | | 0.97 | 0.39 | 0.74 | 0.53 | 0.74 | | |
| 4 | 5KDDU4-4F1-2R2-1-01 | 1 | 7.13 | | 0.99 | 0.36 | 0.74 | 0.53 | 0.69 | | |
| TOTAL/Average: | | 4 | 15.50 | -9.3 | 0.97 | 0.37 | 0.74 | 0.53 | 0.69 | | |

Ew = Energy gain for the window in its current size and form (kWh/m2)

Uw = Dark U-Value (W/m2k). Heat loss of the window (night)

Gw = Share of total solar energy passing through the window and into the building

LT = Light transmittance. Share of visible sunlight passing through the glass and into the building

Gg = Share of total sunlight passing through the glass and into the building

Ff = Glass portion. Visible glass compared to the total size of the window

Eref = Energy balance for reference window. Cl. = Eref Class