



**KASTRUP®**  
WINDOWS



WOOD/ALU & WOOD  
KASTRUP ENERGY, WOOD AND HARD WOOD





 Danish produced

# KASTRUP ENERGY

Kastrup's wood/alu ENERGY collection combines the sleek design with the latest technology in the window industry.



**MODERN**  
Standard design style MODERN with triple glazing.



**MODERN**  
Standard design style MODERN with double glazing.



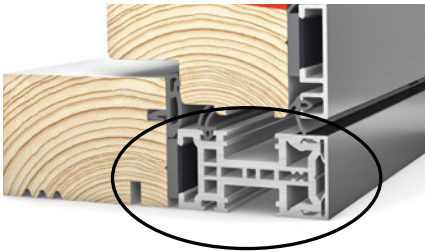
**INWARD OPENING**  
Inward opening tilt and turn windows in design style MODERN. Inward- and outward opening windows have the same frame height and can be combined in the same element.



**CLASSIC**  
Design style CLASSIC with triple glazing comes with an internal profiling.



**CLASSIC**  
Design style CLASSIC with double glazing comes with an internal profiling and a rounded putty look on the outside.



**Top insulation with composite rebate**  
The profile of the frame rebate is made of a fibre- reinforced composite material, that creates a highly insulated product without the risk of rot or fungus.



**Durable, high-quality materials**  
No dark marks and virtually knot-free pinewood. Extra resistant powder coated aluminium. A fibre-reinforced composite frame ensures strength.



**Burglar-proof**  
All windows and patio doors are delivered with hardened restrictor hooks and adjustable secure striking plates as standard.



**Handle operated brake is standard**  
Side hung windows and patio doors include a handle operated brake that secures the casement's position during normal wind conditions. Top guided and side guided windows include friction brake.

# KASTRUP ENERGY



**Slender window profile**  
42mm profile height on all fixed frame windows with 48mm glass. Perfect for large glass areas in modern buildings.



**Traditional style for older buildings**  
You can always choose our designstyle CLASSIC for an internal profiling in a more traditional look. On the exterior, CLASSIC double glazed windows have a rounded putty look and triple glazed windows have a feature glazing bead.

## TECHNICAL DATA

| Energy performance<br>Standard triple glazing |            |
|---|------------|
| Uw  | 0,78 W/m²K |
| Gw  | 0.43       |

| Dimensions                 |                  |
|----------------------------|------------------|
| Standard frame depth       | 120 mm           |
| Possible frame depth       | 140, 160, 180 mm |
| Frame/casement height      | 86 mm            |
| Frame height               | 42 mm            |
| Post                       | 58 mm            |
| Sealants                   | 2, 3 (Possible)  |
| Glazing bars               | 24, 44, 58 mm    |
| Glass-dividing glazing bar | 58 mm            |

| ECLAZ triple glazing |            |
|----------------------|------------|
| Uw                   | 0,78 W/m²K |
| Gw                   | 0.46       |

| Opening types     |   |
|-------------------|---|
| Fixed             | ✓ |
| Top guided        | ✓ |
| Side guided       | ✓ |
| Side hung         | ✓ |
| Reversible        | ✓ |
| Tilt and turn     | ✓ |
| Patio door        | ✓ |
| Double patio door | ✓ |

| ECLAZ as standard double glazing |            |
|----------------------------------|------------|
| Uw                               | 1,29 W/m²K |
| Gw                               | 0.54       |

| Options                     |          |
|-----------------------------|----------|
| Trickle vent                | ✓        |
| Groove cut                  | ✓        |
| Restrictor                  | ✓        |
| Sheet metal bending         | ✓        |
| Night vent                  | Standard |
| Visible drainage            | ✓        |
| Lockable handles            | ✓        |
| Cup handles for patio doors | ✓        |
| Coloured hinges             | ✓        |



## PATIO DOOR DESIGN

The KASTRUP ENERGY outward opening wood/alu patio door has a casement height of only 74mm. You get more light into your living room and you don't interrupt the facade appearance when combining patio doors with windows. Wood/alu patio doors that open inwards have a casement height of 90mm. Additionally, you can choose different threshold solutions for your patio door.



42mm pinewood threshold with aluminium step protection is standard for patio doors that open outwards and is not possible for patio doors that open inwards.



25mm aluminium threshold is standard for patio doors that open inwards and is also possible for patio doors that open outwards.



15mm low composite/aluminium threshold is an alternative for all types of patio doors.




43mm hardwood threshold in oak or mahogany is an alternative for all types of patio doors.



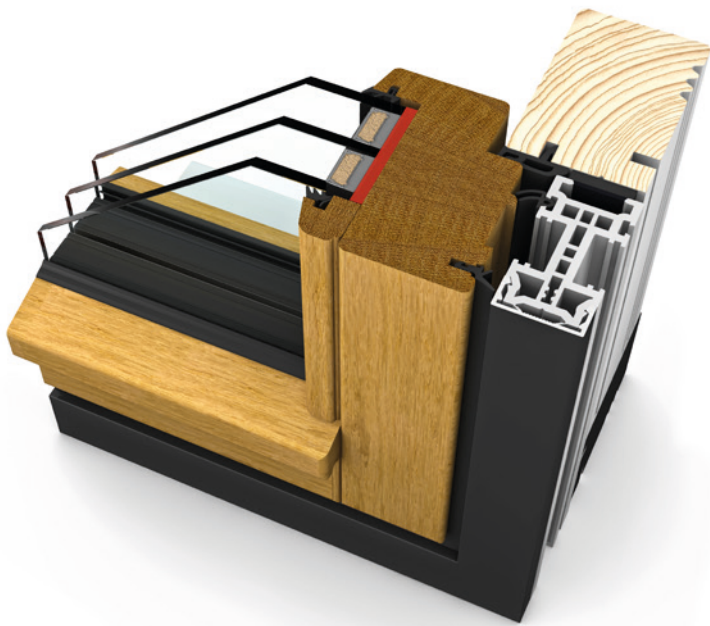




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# KASTRUP ENERGY WITH AN OAK SASH

The KASTRUP ENERGY with an oak sash combines the benefits from the standard ENERGY-series with the possibility of one design combination of an interior pinewood frame, an oak sash and an exterior aluminium frame.



### Modern

The KASTRUP ENERGY series with an oak sash comes as standard in designstyle MODERN with a smooth internal profiling. You can always choose the designstyle CLASSIC for an internal profiling in a more traditional look.

The glazing bead is as standard made of oak, but you can also choose the bottom glazing bead in aluminium.

# KASTRUP ENERGY WITH AN OAK SASH

## TECHNICAL DATA

### Energy performance Standard triple glazing

|    |            |
|----|------------|
| Uw | 0,89 W/m²K |
| Gw | 0.42       |

### ECLAZ triple glazing

|    |            |
|----|------------|
| Uw | 0,89 W/m²K |
|----|------------|

### ECLAZ as standard double glazing

|    |           |
|----|-----------|
| Uw | 1,3 W/m²K |
|----|-----------|

### Dimensions

|                            |                  |
|----------------------------|------------------|
| Standard frame depth       | 120 mm           |
| Possible frame depth       | 140, 160, 180 mm |
| Frame/casement height      | 86 mm            |
| Frame height               | 42 mm            |
| Post                       | 58 mm            |
| Sealants                   | 2, 3 (Possible)  |
| Glazing bars               | 24, 44, 58 mm    |
| Glass-dividing glazing bar | 58mm             |

### Opening types

|                   |   |
|-------------------|---|
| Fixed             | ✓ |
| Top guided        | ✓ |
| Side guided       | ✓ |
| Side hung         | ✓ |
| Reversible        | ✓ |
| Tilt and turn     | ✓ |
| Patio door        | ✓ |
| Double patio door | ✓ |


### Options

|                             |          |
|-----------------------------|----------|
| Trickle vent                | ✓        |
| Groove cut                  | ✓        |
| Restrictor                  | ✓        |
| Sheet metal bending         | ✓        |
| Night vent                  | Standard |
| Visible drainage            | ✓        |
| Lockable handles            | ✓        |
| Cup handles for patio doors | ✓        |
| Coloured hinges             | ✓        |







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WOOD

Wood never goes out of style. The feeling of nature's living material inside and out still drives many people to choose wooden windows. Especially when renovating older and listed buildings. Our wooden windows are of the highest quality with attention to detail. With Kastrup's FSC/PEFC-certified wooden windows, you get a durable and classic window solution.



**Pine**  
Kastrup's pine windows combine classic Danish design with carefully selected quality materials. The result is a beautiful and timeless window with an exclusive finish that emphasises the craftsmanship behind it.



**HARD WOOD**  
Kastrup hardwood windows, available in mahogany or oak, meet the high demands of a home for living throughout the year without compromising on design, quality, or functionality.



**CLASSIC**  
You can always choose the designstyle CLASSIC for an internal profiling in a more traditional look.



**Handle-operated brake is standard**  
Side hung windows and patio doors include a handle-operated brake that secures the casement's position during normal wind conditions. Top guided and side guided windows include a friction brake.



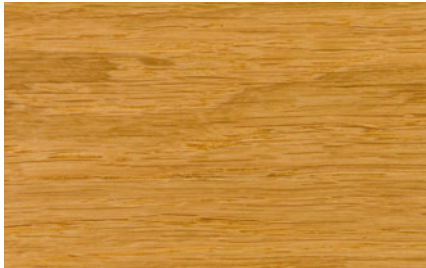
**Durable, high-quality materials**  
No dark marks and virtually knot-free pinewood. Extra resistant powder coated aluminium. A fibre-reinforced composite frame ensures strength.



**Different types of hardwood**  
Choose from a variety of hardwoods such as mahogany and oak. Kastrup only uses certified wood that has been felled according to environmentally approved production methods.



**Mahogany**  
Kastrup works with the Sapele variety due to the wood's high natural oil content, which results in significantly longer durability. Sapele comes from environmentally friendly and sustainable forestry practices.



**Oak**  
At Kastrup, we only work with European oak from a selected quality supplier. Oak windows are exclusive windows with a high-quality finish. Oak is highly resistant, heavy and dimensionally stable.


TECHNICAL DATA

| Energy performance                 |            |
|------------------------------------|------------|
| Pine wood: Standard triple glazing |            |
| Uw                                 | 0,89 W/m²K |
| Gw                                 | 0.43       |

| Hard wood: Standard triple glazing |            |
|------------------------------------|------------|
| Uw                                 | 0,94 W/m²K |
| Gw                                 | 0.47       |

| Dimensions                 |           |
|----------------------------|-----------|
| Standard frame depth       | 116 mm    |
| Possible frame depth       | 140 mm    |
| Casement height            | 44 mm     |
| Frame/casement height      | 87 mm     |
| Post                       | 60 mm     |
| Sealants                   | 2         |
| Glazing bars               | 24, 44 mm |
| Glass-dividing glazing bar | 58 mm     |

| Opening types            |   |
|--------------------------|---|
| Fixed                    | ✓ |
| Top guided               | ✓ |
| Side guided              | ✓ |
| Side hung                | ✓ |
| Reversible               | ✓ |
| Tilt and turn            | ✓ |
| Patio door               | ✓ |
| Double patio door        | ✓ |
| Tilt and turn patio door | ✓ |

| Options                     |   |
|-----------------------------|---|
| Trickle vent                | ✓   |
| Groove cut                  | ✓   |
| Restrictor                  | ✓   |
| Sheet metal bending         | ✓   |
| Night vent                  | Standard  |
| Lockable handles            | ✓   |
| Cup handles for patio doors | ✓   |
| Casement hook and fastener  |  |



COLOURS

**FIJI ALUMINIUM COLOURS**  
Kastrup uses FIJI colours that are extra resistant to scratches and abrasions, as standard. The FIJI colours have a textured finish and are therefore more resistant to dirt than the typical window surfaces.



**SABLÉ COLOURS**  
Aluminium colours with a rustic structure and a granite look are becoming increasingly popular. The rough structured surface looks fantastic and gives a more exclusive feel. Kastrup offers Sablé colours for a small additional charge.



**TIMBER COLOURS**  
Kastrup uses slow-growing north Scandinavian pinewood. All timber is scanned for knots, cracks and resin exudations, any imperfections are cut off. The finger-jointed timber is therefore virtually knot-free. All timber is either FSC® or PEFC® certified.



**HARDWOOD**  
Kastrup works exclusively with European oak from selected quality suppliers. Oak windows and doors are premium products with a precious finish. Oak is a very resistant, heavy and stable material.



**PATTERNED GLASS**  
Patterned glass, or frosted glass, are used for windows and doors where you want to limit visibility - for example in bathrooms and front doors. Kastrup offers the most sought-after types of patterned glass.







#### **Spectrum Architectural Glazing**

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Newport Shropshire TF10 7NB  
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Mail: [sales.team@spectrumarchitectural.com](mailto:sales.team@spectrumarchitectural.com)



#### **Kastrup A/S Holstebro**

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#### **Kastrup A/S Skive**

Fabriksvej 5 · 7800 Skive  
Tlf. 7026 6702  
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