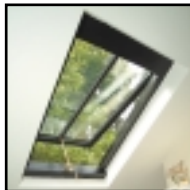


*the **CAST** rooflight*





A genuine top hung rooflight cast with the fine detailing of a 19th Century original using today's advanced foundry techniques. Glazed with insulating glass units and coated with polyester powder paint, matt black as standard to "RAL 9005" and applied to EN ISO 9001.



## *the* **CAST** *rooflight*

A masterpiece of engineering, that looks superb in any roof, manufactured to BS1490 using particularly durable aluminium which is suitable for casting, possessing excellent ductility and resistance to weathering.

Double glazed units manufactured to EN 1559-4 with a 6.4mm laminated, inner pane, with a 12mm black spacer bar and 4mm toughened outer pane, are glazed into the rebates and faced with Polysulphide Sealant to give the impression of putty glazing.

The opening light, with its sculptured Tee bar, is weatherstrip sealed against draughts, secured to the outer frame using A2 Grade Stainless Bolts and Nylock Nuts and opened with optional mechanisms. The outer frame has pre-drilled cast fixing lugs to accept the enclosed coach screws.

With its traditional appearance, *the CAST rooflight* can be used in all types of roof and is recommended for use on historic buildings by Conservation Officers, Architects, English Heritage & The National Trust.

Other glazing specifications are available including gas filled units and obscure glass.

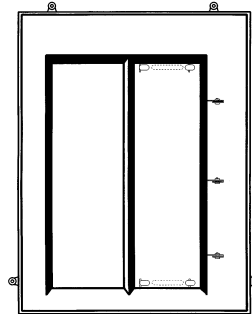




## the **CAST** rooflight

### Side Hung

The side hung CAST rooflight is available with left or right opening.



Timber cladding is not supplied with the side hung rooflight at this time. Where a blind is required on the escape rooflight please ensure that you are familiar with the quick release clips on the bottom rail.

The side hung escape rooflight is not designed for full opening on a daily basis.

### Notes:

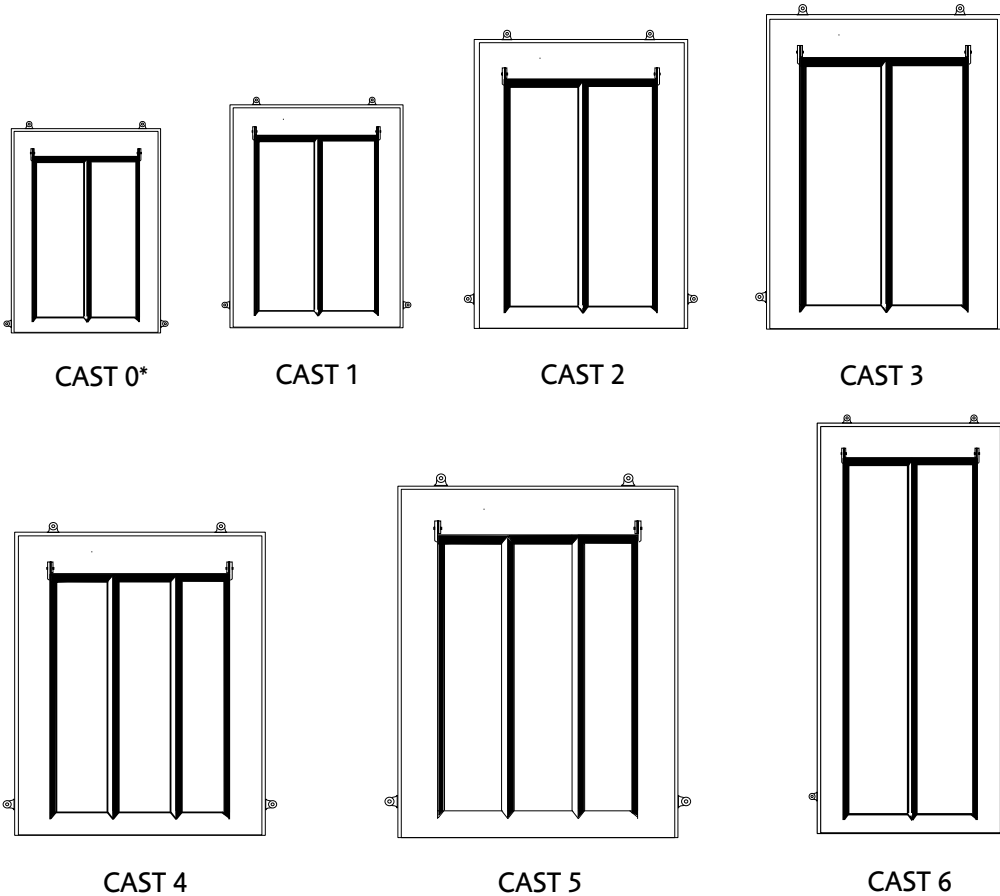
These drawings are not to scale.

\*Cast 0 also available without Tee bar.

Where top hung rooflight is adapted for escape, timber cladding is not supplied.

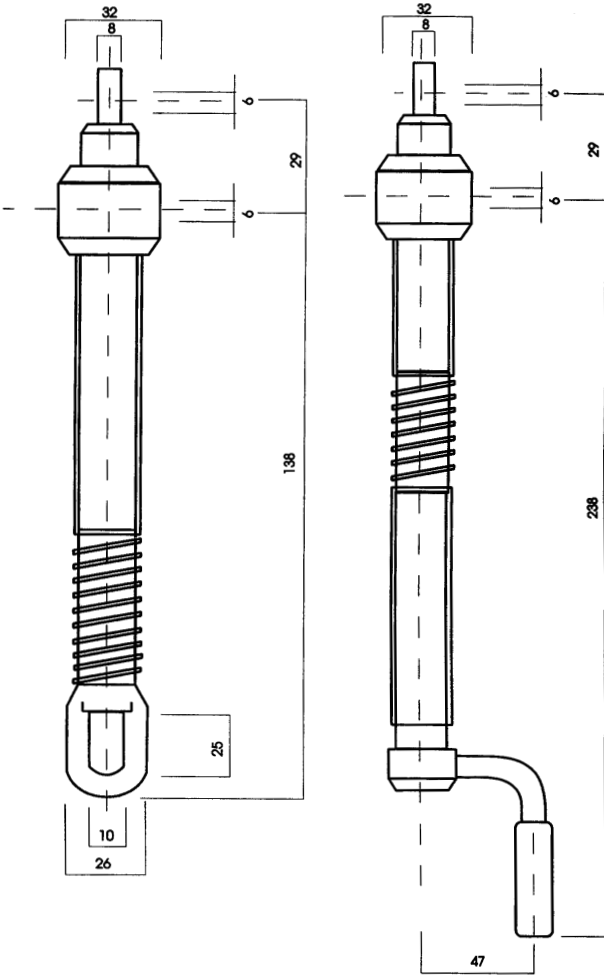
Prices exclude VAT & delivery.

Please call 01403 865028 for a quotation or further information concerning blinds.



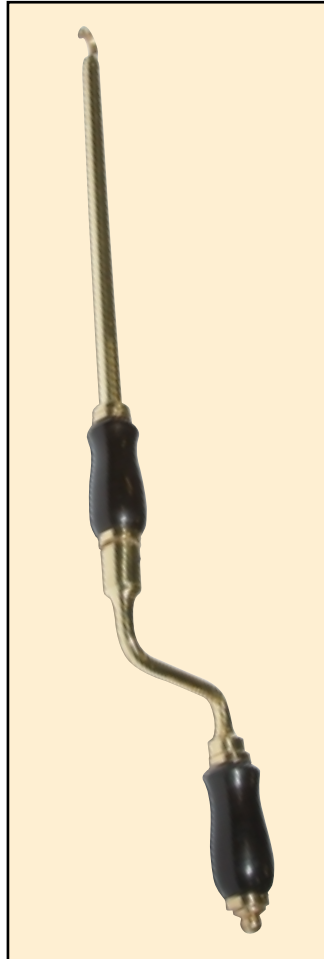
	Rooflight Nominal Size (mm) W X H	Opening Nominal Size (mm) W X H	Weight (Kg)	Price (£)
CAST 0	570 x 780	370 x 480	22	<b>330</b>
CAST 1	650 x 900	450 x 600	31	<b>363</b>
CAST 2	650 x 1050	450 x 750	37	<b>385</b>
CAST 3	800 x 1200	600 x 900	45	<b>471</b>
CAST 4	950 x 1200	750 x 900	55	<b>532</b>
CAST 5	1100 x 1500	900 x 1200	77	<b>681</b>
CAST 6	800 x 1830	600 x 1530	64	<b>582</b>
Side Hung	900 x 1280	640 x 970	55	<b>570</b>





**Note:**

All winders and escape pins should be kept clean, lubricated and these must be tested at regular intervals.



the **CAST** rooflight

**Brass Winding Cranks**

Available in 1.0m - 1.5m or a telescopic 3m as optional extras. Winding Cranks are for rooflights that will be situated in high, non reachable places and are for use with the Pole Winders only.

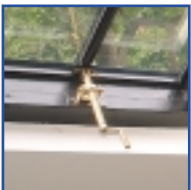
Length (Meters)	Price (£)
1	<b>25</b>
1.5	<b>35</b>
3m Telescopic	<b>45</b>

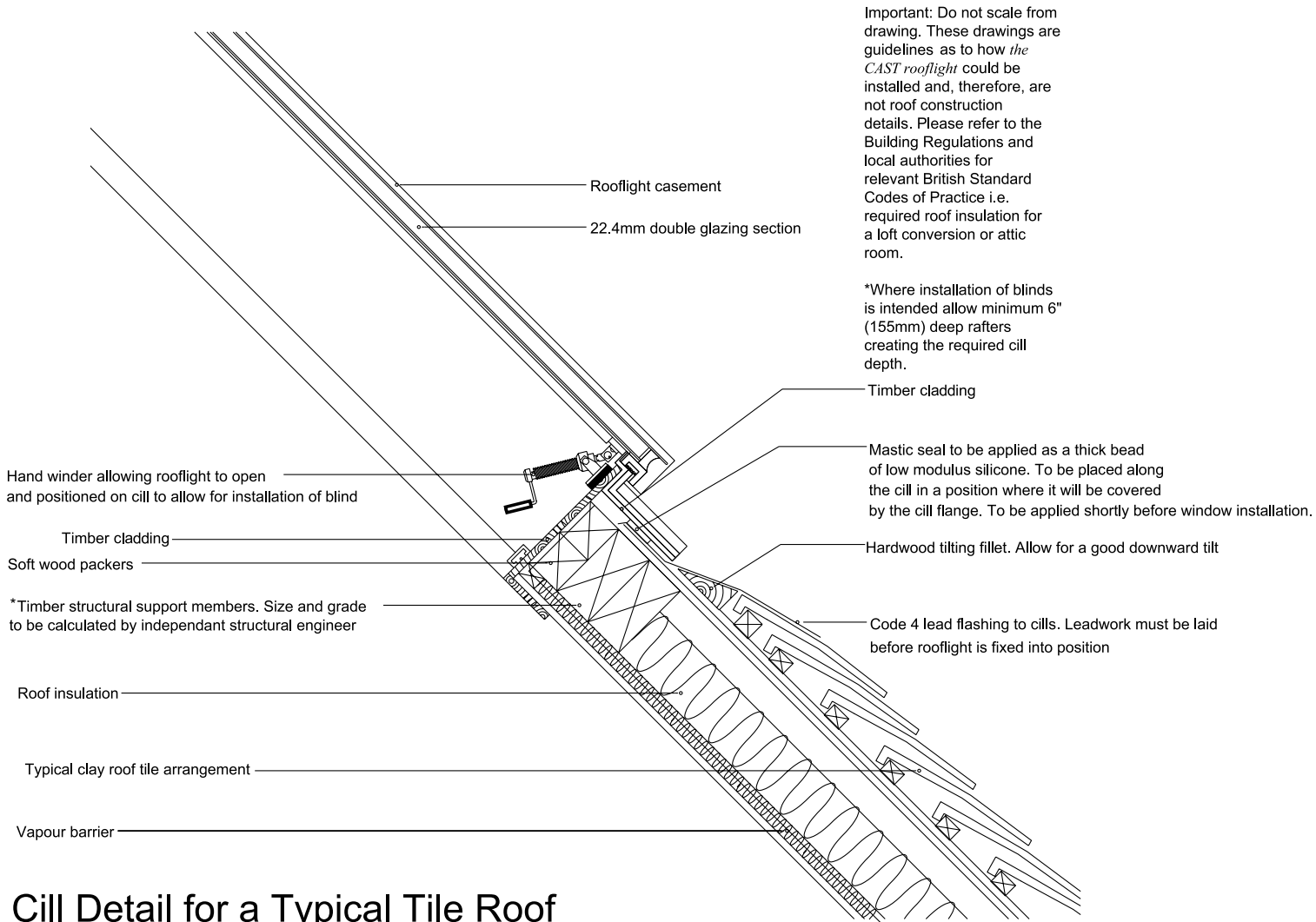
**Pole & Hand Winder**

A telescopic spindle available in brass or chrome finishes. Hand winders for easy to reach rooflight situations or pole winders for use with our brass winding crank in unreachable rooflight positions. Please specify which option you require at point of order. Standard winders are 300mm when fully extended, alternatively a shorter 150mm winder is available on request.

**Note:**

These drawings are not to scale.





## Cill Detail for a Typical Tile Roof

### Note:

For slate roof please note that it may be necessary to rebate rafter depth by 10mm to accommodate timber cladding.

Alternatively, the timber cladding can be removed.

## the *CAST* rooflight

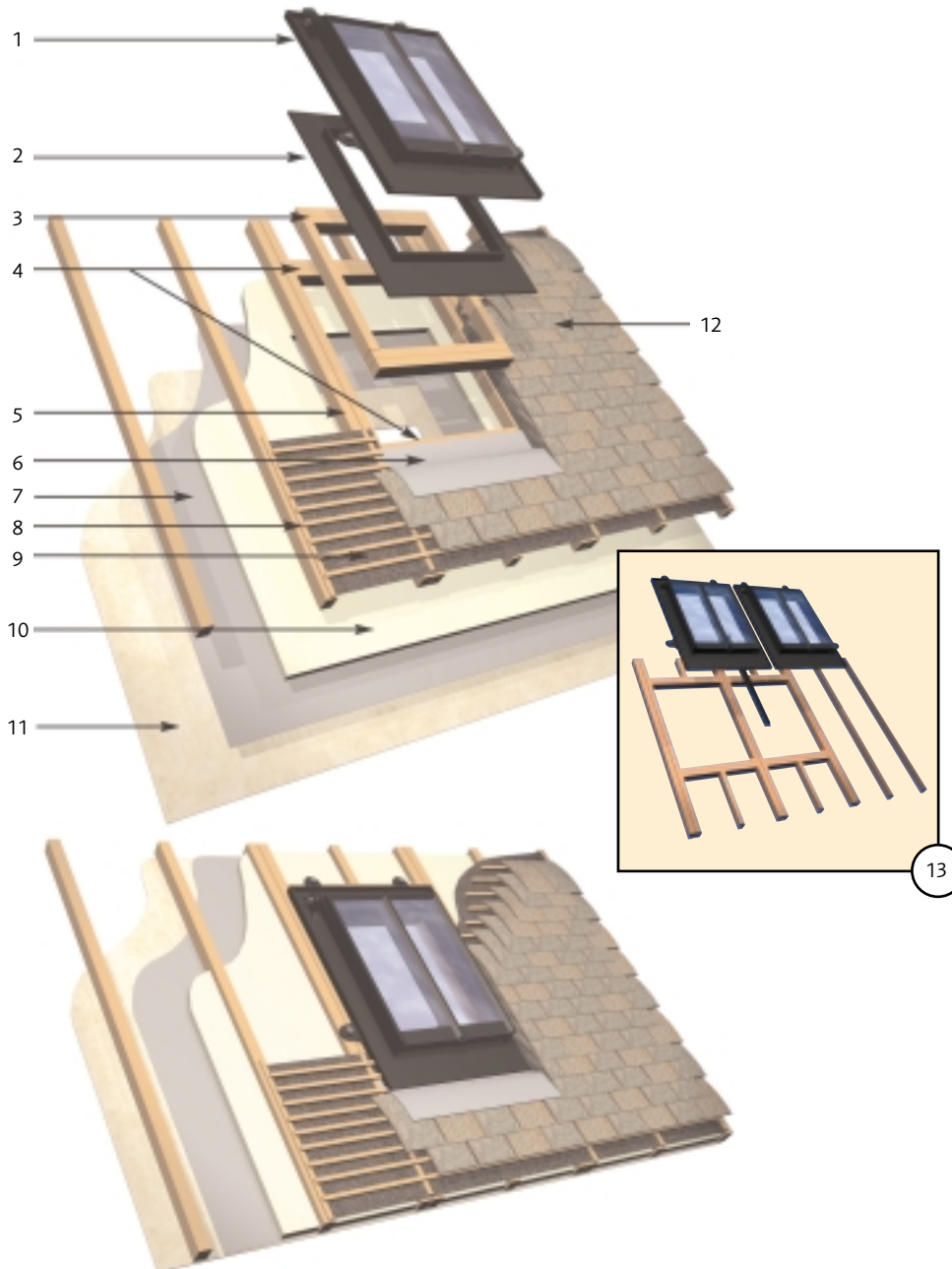
### Notes:

These drawings are not to scale.

Recommended roof pitch for all 8 rooflights is between 20° and 70°.

For weatherproofing use a code 4, 12" Lead Flashing available at most builders merchants and DIY stores.

Lead Flashing is not supplied with the *CAST rooflight* in order to keep delivery charges, based on weight, at a minimum.



- 1 the *CAST* rooflight
- 2 Fitted interior timber cladding
- 3 Timber packer
- 4 Double up head and cill trimmers\*
- 5 Double up rafters\*
- 6 Code 4 lead flashing
- 7 Vapour barrier
- 8 Timber battens and counter battens
- 9 Roofing felt
- 10 Insulation
- 11 Plaster board with plaster skim finish
- 12 Roof tiles
- 13 Linked Cast rooflight using T section linking bar doubling up centre rafters\*

\* The structural zone.



# Some installations make cleaning difficult. With Rain Racer, cleaning problems are a thing of the past.

Microscopic, invisible, polymer coating  
helps repel water, limescale, dirt, algae  
and fungi on glass. Makes windows  
virtually self cleaning for three years.  
Stays cleaner for longer  
and cleans easier.



**"A RAIN RACER  
DEVELOPMENT"**

# Frequently Asked Questions

## What about condensation?

Condensation is the water which results from the conversion of water vapour in the atmosphere. The air which surrounds us in our homes always contains water vapour, which is usually invisible. The warmer the air, the more water vapour it can hold but there is a limit to the amount it can hold for a given temperature. When saturated air comes into contact with a surface which is at a lower temperature, the air is chilled at the point of contact and sheds its surplus water vapour on that surface.

When the double glazed units are used in conjunction with heating and controlled ventilation the incidence of condensation should be greatly reduced. In addition, we strongly recommend the use of our timber cladding to cover areas of exposed aluminium.

Further information about condensation is available from the Glass & Glazing Federation at [www.ggf.org.uk](http://www.ggf.org.uk)

## What should I do about Part L?

The double glazed units that we use have a low U-value but the overall frame performance exceeds the required limit. It is not possible to quote an installed U-value as we do not install the rooflights ourselves and the nature of roofing materials and finishes make it impossible for us to provide a figure that is accurate for every situation.

The rooflights are designed for use in the following situations;

Listed buildings, buildings situated in conservation areas, buildings of architectural and historic interest (which are referred to as a material consideration in a local authority's development plan), buildings within National Parks, areas of outstanding natural beauty and World Heritage sites.

Installation in all other properties should be subject to local authority approval.

## Can I adapt a top hung rooflight for fire escape?

Yes, providing your required size complies with the necessary fire regulations (for details speak with your local building control officer). Please call us for details on cost and delivery.

\*The gas springs are not designed for everyday use and may prove difficult to close once opened. For everyday use please use the winder supplied with the rooflight.

## How do I maintain my rooflight?

- Weatherstripping must be kept clean and free from dirt and grime as required.
- All winders and escape pins should be kept clean and regularly lubricated and these should also be tested at regular intervals.
- As with any organic coating, in order to maintain the aesthetic properties, it is recommended that the coating be regularly maintained. The frequency of such cleaning will depend on many factors including, geographical location of the building, surrounding environment ie marine, swimming pool, industrial or combination, levels of atmospheric pollution and airborne debris such as sand or dust.
- Nothing harsher than soapy water should be used for cleaning and under no circumstances should abrasive cleaners or cleaning solutions containing ketones, chlorinated hydrocarbons, esters or alcohols be used.

## Do I get a guarantee?

**10 years** The outer frame and opening leaf, polyester powder coating, stainless steel fixing screws and weatherstripping.

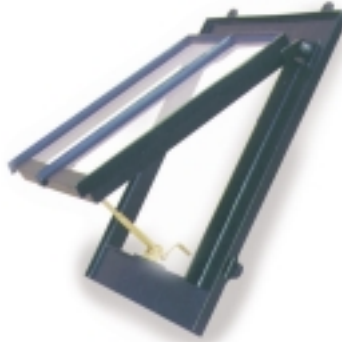
**5 years** Double glazed units, glazing tape, winder and timber cladding.

**1 year** Gas springs (1 year from date shown on each spring) This guarantee is subject to compliance with guidelines supplied with order.

the **CAST** rooflight



This product is a genuine cast rooflight and prices include winder, timber cladding, cleaning kit, stainless steel fixing screws & fitted glass.



[www.tuscan-build.com](http://www.tuscan-build.com)

For all enquires please call our customer service team  
on **01403 865028** and ask to speak to:  
Paul or Jane