



SAFETY AT THE HIGHEST LEVEL

## The Safety Solution for Roof Light Protection



- ADAPTABLE SOLUTION FOR COVERING ROOF LIGHTS ON TRAPEZOIDAL AND STANDING SEAM ROOFS
- TESTED IN ACCORDANCE WITH THE ACR RED BOOK
- EASILY ASSEMBLED AND FITTED WHILE ON THE ROOF

# Roof Light Covers

**KEE COVER** has been specifically designed to provide a robust effective solution for covering unprotected roof lights without blocking out the light they are supposed to let into a building. Falls from height are universally still a major cause of accidents and falls through skylights are unfortunately all too common. All building owners have a duty of care to ensure workers who need to access a roof are safe and yet if the roof lights are not cleaned on a regular basis they can become indistinguishable from the roof surface which inevitably increases the risk of accidents. Likewise, if roof lights are old they may become brittle and will break very easily if someone stands on them. **KEE COVER** is a practical solution which ensures roof lights can easily be covered by a strong mesh panel mounted onto a metal frame.



**KEE COVER** has been designed specifically for metal profile roofs where inline roof level sky lights are particularly prevalent. The mesh panel top sits onto a metal frame made from **KEE KLAMP** fittings and Size 5 (26.9mm outer diameter) tube. The standard mesh panels are 2m long and 1m wide, but extension panels are available which are either 2m or 1m long x 1m wide.

**KEE COVER** is designed to be assembled in-situ so is delivered in component form, thus making it easier to get up to roof level especially if the parts have to be carried up through a building.

**KEE COVER** is available in two formats, one which fixes virtually flat to the roof surface (as shown above) and one which is raised above the skylight which is mounted on small legs (see image to left) to give a greater distance between the mesh panel and the roof light. In the event of a fall this would help ensure the roof light is not damaged when the **KEE COVER** absorbs the impact.

## Testing and Certification

**KEE COVER** has been tested to the Class B criteria and loadings required in the ACR Red Book Test for Non-Fragility of Roof Assemblies. The test involves a 45Kg (100lbs) weight free falling from a distance of 1.2m (4') to reach a maximum velocity. Class B rated products ensure the drop mass is retained but there is permitted some damage to the roof light.

An additional 1200 joule test has been carried out to BS EN 1873. This requires a 50Kg (110lbs) mass to be dropped from 2.4m (7.9') and be retained by the **KEE COVER** whilst ensuring there are no gaps larger than 300mm within the mesh.

**KEE COVER** meets both of these test criteria.

## Features and Benefits

- Highly portable component based system which is easily transported the roof top
- All components and mesh panels are hot dip galvanised for enhanced durability
- Mesh panels do not block out light, keeping the building illuminated
- Extension panels allow for extended width and lengths be covered, ensuring the roof surface is safe.
- Easily fitted keeping installation costs down.
- Metal frame and panels will not go brittle thus delivering longevity for the installation
- Variable height facility allows for use over different shaped roof lights.
- Tube can be colour coated if greater visibility is required.



# Roof Light Covers



MESH PANEL CLIP



BASE FITTED ONTO ROOF PANEL



RAISED COVER LEG ASSEMBLY



1M EXTENSION PANEL FITTED ONTO A STANDARD PANEL

Product Code	Product Description	Length	Width	Weight
<b>Keel Cover Panel - Raised 1 Metre Wide</b>				
KC21PMRA1	Keel Cover 2x1m Primary Module - Raised	2m	1m	30Kg
KC21XMRA1	Keel Cover 2x1m Extension Module - Raised	2m	1m	24Kg
KC11XMRA1	Keel Cover 1x1m Extension Module - Raised	1m	1m	17Kg
<b>Keel Cover Panel - Standard 1 Metre Wide</b>				
KC21PMST1	Keel Cover 2x1m Primary Module - Standard	2m	1m	22Kg
KC21XMST1	Keel Cover 2x1m Extension Module - Standard	2m	1m	18Kg
KC11XMST1	Keel Cover 1x1m Extension Module - Standard	1m	1m	15Kg
<b>Keel Cover Panel - Raised 2 Metre Wide</b>				
KC12PMRA2	Keel Cover 1x2m Primary Module - Raised	1m	2m	26Kg
KC12XMRA2	Keel Cover 1x2m Extension Module - Raised	1m	2m	20Kg
<b>Keel Cover Panel - Standard 2 Metre Wide</b>				
KC12PMST2	Keel Cover 1x2m Primary Module Wide - Standard	1m	2m	22Kg
KC12XMST2	Keel Cover 1x2m Extension Module Wide - Standard	1m	2m	18Kg



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