



KEE KLAMP LIMITED



INSTRUCTIONS FOR THE DESIGN AND INSTALLATION OF KEE DOME SKYLIGHT PROTECTION SYSTEMS.

THE DESIGN.

KeeDome is a collective, free-standing, fall protection system specifically designed for use around skylights. It is not permitted to break the rails to form access points.

KeeDome utilises standard Kee Klamp Limited fittings, and purpose made P.V.C. base-plates that sit at each corner (limiting 'slippage').

KeeDome is designed to comply with EN 14122 pt 3. The system uses Ø48.3mm x 3.2mm wall tubing to BS1387, and with a design load of 300N/m, the maximum skylight size is 2m x 2m.

KeeDome is suitable for use on any roof type, but must not be used on any pitched roof of 3° or more. At full extension, the system weighs approximately 119kg. Check the safe weight load for the roof before installing.

ASSEMBLY INSTRUCTIONS FOR KEE DOME.

Before assembly / installation, check the roof area concerned is free from the following: Snow; ice; lubricants; loose substances or; any obstructions that would prevent installation of the feet.

Check if P.P.E. is required for the duration of the installation.

- 1) Position the feet at the corners (right against the corner).
- 2) Position the clamping ring into the slot of each base (ensuring the grub-screw is accessible).
- 3) Drop a pre-assembled upright into each base
- 4) Measure the required length for each rail
- 5) Cut rails and assemble
- 6) Make sure bases are still against the skylight / curb.
- 7) Tighten grub-screws to 39N/m.

SPECIFIC LIMITATIONS.

N.B. Please note that the 'wobble' evident in an individual upright assembly is necessary for manufacture and installation, and disappears when the installation is complete.

The system is designed as a complete unit, and should not be used with gates or openings.

Do not use Kee Dome (or Kee Guard) for attaching safety lines / wires, lanyards or abseiling lines.

The system is re-usable, but the grub-screws are not, and must be changed if the system is dismantled and reinstated.

Fittings that are, or appear to be welded, modified or damaged / defective must not be used.

Fittings should be positioned to minimise any collection & retention of rainwater by grub-screws.

Do not mix Kee Klamp fittings with any other brands.

MAINTENANCE REQUIREMENTS.

In the event of Kee Dome being 'used', the system should be checked and any damaged items replaced with Kee Klamp original parts.

Without such an occurrence the system must be checked 'yearly' to ensure no damage has been sustained, and that grub-screws are still to the correct torque

TRANSPORTATION AND STORAGE.

There are no particular limitations as to transportation and storage of fittings other than they should be kept in a dry and ventilated environment.

ALWAYS REFER TO AUTHORISED KEE KLAMP PRODUCT LITERATURE OR TO THE WEBSITE (www.keeklamp.com). FOR FURTHER INFORMATION ON THE USE OF FITTINGS AND THEIR ASSEMBLY AND INSTALLATION. IN CASE OF DOUBT, ASK KEE KLAMP LTD OR YOUR LOCAL AUTHORISED KEE KLAMP DISTRIBUTOR.