

# Roof Access for Plant Installation

The installation of specialist plant and equipment is often required once a building has been made watertight. When access is required through roof cladding, this can present a number of challenges including:

- Personnel access during opening up and closing.
- Maintaining weather tightness.
- Sequencing of installation with other works

The design and installation of appropriate proprietary roof hatches or rooflights, as opposed to bespoke, sacrificial infilling, provides a considered and resolved technical solution can address these issues.



External view of roof hatches



Vessel being lowered through hatch

Frequently, sections of roof cladding are designed to be removable or temporary and sacrificial solutions which have been put in place in order that access can be gained for the installation of plant or specialist equipment. Often, this bespoke approach can add time and cost to the design stage, can be challenging from a time and safety perspective to open and close up after installation and can provide a compromise to the quality of detailing and construction. Ensuring access often requires work at roof level which can present health and safety challenges.

## Benefits of this approach include:-

- Mitigates risks associated with roof access for personnel
- Removes fall risk while removing temporary solutions
- Improves weather tightness
- Easily operated from the inside
- Reduces installation time

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