

Spotlight on **Safety**: The Weatherproofing Way

Working on or ultimately replacing fragile roofs presents many challenges for both the Roofing Contractor and the Building owner.

As well as preventing falls through the roof structure there must also be measures to prevent dust and debris entering the building below. In an ideal world the area below should be fully vacated but generally the activities below, particularly if they are of a manufacturing / production nature, must continue regardless.

Internal Scaffolding Protection when working on or around Fragile Roof Surfaces and Glazing

Weatherproofing Advisors Ltd specialise in the replacement and refurbishment of all types of roofs. The roofs are often of a fragile nature such as Corrugated Asbestos Cement, Galbestos and even Metal Cladded Roofs which are suffering from extreme corrosion or incorporate glazing panels or plastic rooflights.

In these situations it is critical that our Operatives and the building users are protected from potential falls from the roof whilst works are underway and also protected from exposure to fine dust / rusted or loose fixings and in the case of Corrugated Asbestos Cement and Galbestos, dust or debris containing Asbestos fibres.

To allow Operations below the works to be carried out safely and uninterrupted it is necessary to construct an Internal Scaffold Crash Deck or 'Bird Cage'.



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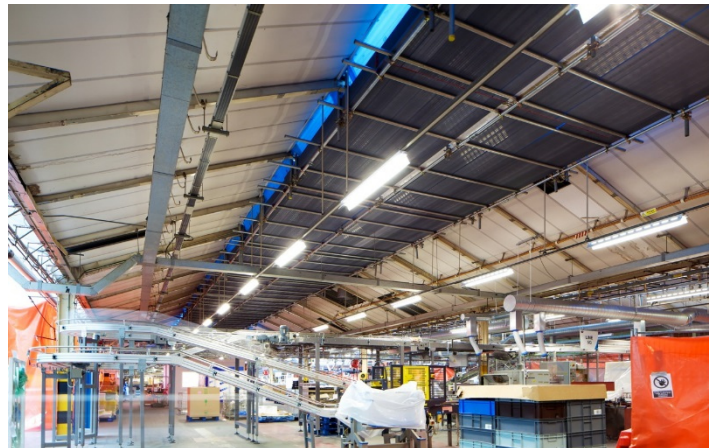
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Working **Safely** doesn't happen by Accident

Safe Systems of Work - The Weatherproofing Way Planned – Managed - Monitored

Birdcage or Crash Deck Scaffolds are being used more and more particularly in manufacturing environments where heavy machinery / equipment cannot be moved and production cannot be halted.

This type of scaffold can only be installed by a Specialist Scaffolding Contractor supported by a Structural Engineers Report and Calculations.



When removing a fragile roof or glazing it is critical that the Scaffolding Boarded platform is fully sealed and protected. This prevents any dust entering into the working environment below and also allows for an effective cleaning operation to be carried out before the Crash Deck structure is dismantled.

Whilst the Crash Deck is in place, other maintenance activities can be carried out such as cleaning down and re-painting of steelwork or blockwork.

Stage 1 Scaffold Structure: The scaffolders will install Tube and Fitting Structure over the work sensitive area.

Stage 2 Walk Boards: Once the structure is in place, Walk Boards will be fitted to the top of the structure.

Stage 3 Seal and Protect: A layer of Visqueen will be installed over the Walk Boards followed by a layer of Blue Corex Boards, the joints of which will be taped and sealed.

Stage 4 Temporary Lighting: It may be necessary to install temporary lighting below the Crash Deck structure.

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