



HTS INDUSTRIAL

Program of works





Background

Prior to any activity on site HTS INDUSTRIAL will ensure that it has fulfilled its obligations under the Health and Safety at Work Act 1974 and the regulations contained therein, i.e. LOLER, PUWER, WAHR etc. All of the works will be approached with a best practice methodology and training will be to the best possible standards. We will always endeavour to communicate openly and to ensure a clear line of reporting at all times. Effectively we will be clear in all of our communication and work as safely as possible.



Site survey

Prior to the start of the works the area of the structure will have been assessed and any necessary items addressed. This will allow HTS INDUSTRIAL to address its requirements to supply a safe work site for both its employees and others and ensure that when the installation day arrives there are no surprises. Following the survey a formal program of works can be issued and a method statement/risk assessment can be raised.

Crew arrival

HTS INDUSTRIAL crews are selected for their courtesy and professionalism. They will always endeavour to cause the minimum disruption to the customer's normal business activities and are trained to construction industry standard practices relating to health and safety.

At this point the customer will be introduced and consulted as to any particular requirements that may be placed on the crew whilst on site, e.g. no phone usage, prohibited areas etc.

The supervisor will then conduct a pre start "tool box talk" with his crew to ensure familiarity with this particular site, Work can then begin.



Product arrival and unloading

The transport vehicle will be shown in to a holding area on the site in a location that will cause the minimum disruption to the customer's business activities. The product will be unloaded by a CITB trained operator

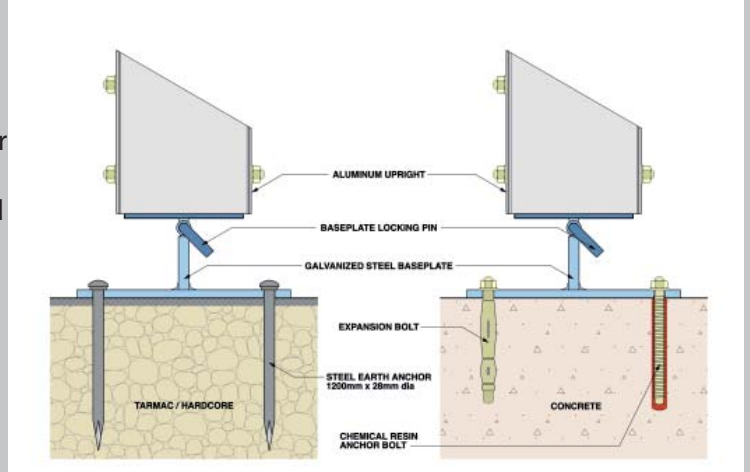
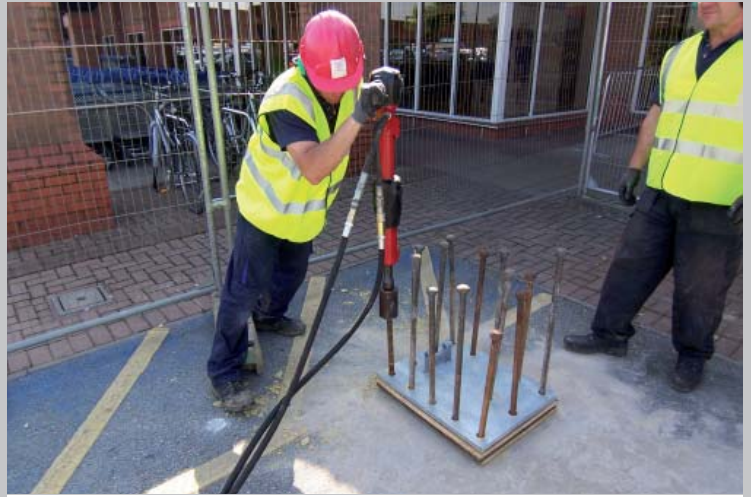
Base placement and fixing

The bases will be removed from the holding area and placed at their approximate locations. The first plate will be carefully placed on to the defined corner point of the warehouse. One complete side of the warehouse is then marked, ensuring that the plate centres are correct and that the line along the side is accurate.

The one level side is then used to square the other side and so place all of the plates.

When all of the plates are in place the fixing will be performed. In the case of stakes a guidance hole will be drilled in to the surface and the stake placed in. The stake will then be driven in using either a hammer or a pneumatic/hydraulic power pack and hammer. Where bolts are to be used the hole will be drilled and cleaned, the bolt will then be placed and tightened.

Throughout the installation a trained operative will conduct uplift tests on samples of the fixings to ensure compliance with the calculations.



Frame assembly

The frame components will be picked as necessary from the holding area and positioned in their required locations. The bases of the uprights will be pinned to the plates and the other components will bolt on in order.

Throughout the process the site supervisor will ensure that the components are placed correctly and that the bolts are secured to the recommended levels.



Frame erection

The assembled "A" frame is at this stage pinned to both the bases, one at each upright base and ready to be erected. There will be an associated lift plan that outlines the weights involved for the particular frame and the machinery and methods that will be used to erect it. The trained operators will follow the lift plan using certified machinery and lifting apparatus in accordance with LOLER and PUWER regulations.

Where necessary a crane plan will be generated by a qualified appointed person and the actions of this plan adhered to under their supervision or that of a crane supervisor.

As the framework is being erected the steelwork that forms the join between frames will be placed. All of the work at height will be conducted from a suitable platform, either a MEWP or scaffold in accordance with WAHR



Cladding the walls

The frame is prepared for sheeting with the installation of the necessary components at ground level and along the edges of the uprights. The sheets, dependant on type, are then either placed with the assistance of an access platform or with both a platform and a fork lift. The sheets are secured with the relevant fasteners and the process moves along. Personnel doors are installed at this point with the sheeting cut to measure on site and system components used to form the opening.

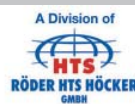
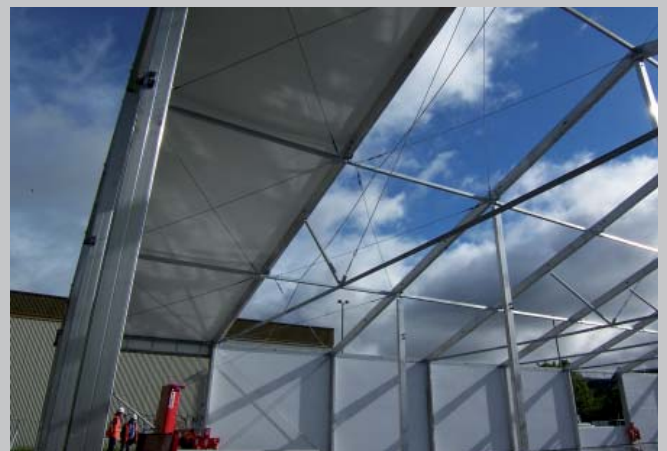


Roofing

The PVC roofing is the component that gives the warehouses the advantage in terms of installation speed over a traditional warehouse. The innovative 'Keder' profile extruded in to the aluminium allows the covering to be rapidly fitted, and with no need for high level roof access. Once in place the covering is secured at eaves level by a non return bracket that will hold the covering in place indefinitely.

Handover

Once the warehouse is finished, and the manager/supervisor is satisfied that the warehouse can be handed over, the customer will be shown the operation of any ancillaries and explained the necessary maintenance schedule. The keys will then be handed over.



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