

Many qualities with the ability to adapt to our client's needs

Diverse Access & Installation Services Ltd are a "working at height" based company. Our services include the installation, maintenance and cleaning of tensile fabric structures, installation of banners, signs & flags and other installation services which can be carried out via the use of Rope Access techniques & where other forms of access prove to be prohibitive due to space.

A fine example of the company's work includes the installation of aluminium rain screens at the new Headingley Carnegie Pavilion, Leeds. The triangle shaped rain screens are constructed from aluminium extruded box section, to which aluminium mesh screens are fitted. They ranged in size from 3m to over 9m and no two screens were of the same size. The screens came to site as a flat pack and required

assembly before fitting, they, in turn, were fitted to very complex shaped steel nodes, bolted to the building façade. These needed to be sighted and levelled to their correct orientation, as there was more than one screen fitted to each node.

The installation was very restrictive in terms of being able to gain access to all areas, this was due to the new pavilion being positioned between the original terraced seating and the adjoining residential building boundaries. The front of the building was generally congested, this was due to constant deliveries etc, and only being able to drive in one lorry at a time meant this area was in constant use leaving limited time to fit the rain screens. Our method statements & risk assessments were constantly amended and updated

when ever required, to help facilitate the safe working for all parties involved.

The work was primarily divided into two phases, and commenced with the fitting of steel nodes, to the concrete and steel building façade, to which the rain screens were fixed. Access to these areas was gained using MEWPs, while rope access techniques were used in the more difficult to reach areas.

Some of the larger nodes required the use of a tower crane to lift them into position, and this required precision planning to ensure that the crane was available to complete the building of the new pavilion.

The second phase of our work was to install the triangle shaped rain screens to the steel nodes. As mentioned above, we



firstly had to assemble the screens and, as space was of a premium, the only area available to us was directly beneath the adjoining seating terrace.

The assembly of the triangle panels was no easy task, no two triangles were of the same shape or size and each panel was made up from more than one section of mesh. Each rain screen was then rolled out into the area allocated for the crane to lift from, each panel had to be lifted in its correct orientation with its connecting bolts set at the right length and angle, allowing the installation to be smooth as possible, minimizing the amount of work hours spent working in the air. Conditions on site were, at times, very rough, with very high winds, followed with some of the worst snow and freezing temperatures we have had in years.

Due to the nature and expertise of our company, we were able to offer the solutions to the access restrictions on site, which included the final builders clean of

external glazing & facades, which became a problem for other cleaning contractors, when their hired in plant was unable to reach the majority of high level works.

In summary, this was a long challenging installation, requiring the ability to adapt and to overcome all of the access restrictions, bad weather and maintaining the program, as a company. We feel we met those challenges well and provided our client (Locker Group Ltd) with a high level of service and the results speak for themselves. We were very proud to be involved with this prestigious project.

Another recent, very successful, project involved the installation of numerous shade sails, supported and fixed into place, via a cable frame system inside the atrium of an office building. The sails now provide a diffusion of sunlight in an otherwise very sunny internal space. Working closely alongside our client Meeting Space Limited www.meeting-space.co.uk we were able to

install both the frame system & sails with minimum disruption to the occupants of the surrounding office spaces and within a very tight time schedule.

The diverse nature of our business means that we are able to find a solution to our client's requirements and look forward to the challenges which may come our way in 2011.

Diverse Access & Installation Services Ltd
17 Maple Avenue
CHEPSTOW
NP16 5RG

Tel/Fax: 01291 621063
Email: admin@diverseservices.org
www.diverseservices.org