

> Case study

**Site efficient
access and
maintenance**
for luxury
waterfront
apartments.

COMPANY

Heightsafe Systems

DATE

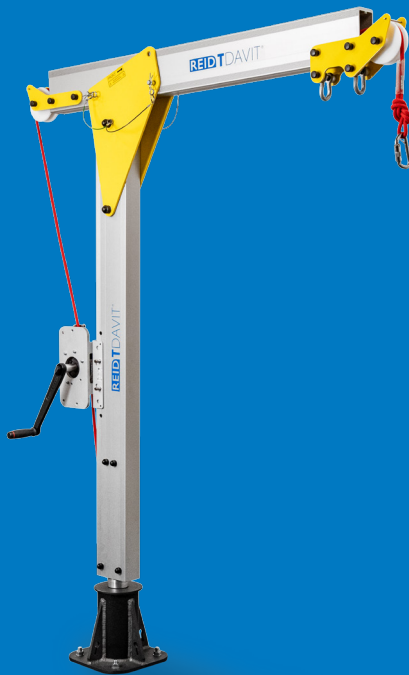
2020

LOCATION

Erie Basin, Salford Quays, UK

PRODUCT

TDAVIT & Top Mount Sockets



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Two brand-new 15 storey apartment blocks overlooking Salford Quays needed an efficient and unobtrusive façade access system for maintenance and cleaning.

The background

Erie Basin is a new build PRS (Private Rented Sector) residential development in the heart of Salford Quays. Featuring a mix of 270 one, two and three bed apartments, it is managed by Graham Construction, who awarded the access and maintenance contract to long time REID customer Heightsafe Systems.

The challenge

The strategy developed by Graham Construction for Erie Basin had to enable the cleaning of the glazing and facades on the structure, as well as general maintenance of the fabric of the building. With minimal space between the buildings and neighbouring structures and high volumes of pedestrian and vehicular traffic, this required a combination of practical rope access and ground up techniques in accordance with the HSE's Working at Height Hierarchy of Controls. The challenge was to install a roof access system which would be unobtrusive for residents and sympathetic to the main construction elements.

The solution

Heightsafe Systems is a full-service work at height, fall protection and façade access specialist. The company has been a REID customer for more than 3 years and has used our suspended rope access systems extensively on new build and refurbishment developments across the UK.

At Erie Basin, the team opted for 77 of our Top Mount sockets bolted into the steel roof structure and two winched TDAVIT's with universal kingpin, each with a personnel capacity of up to 550lb. The sockets are sited underneath sliding concrete covers, so they are hidden when not in use and the lightweight, portable, aluminum TDAVIT systems are stored out of sight in the plant room.

The REID ANSI Z359 18.17 certified and OSHA compliant TDAVIT have the key benefit that they can be assembled on the roof in minutes by one person, speeding up set up time. They also offer full 360° rotation under a full load to give the operatives carrying out the cleaning and maintenance work maximum manoeuvrability.

For Heightsafe, the proven quality and performance of the REID products and the fact that we can provide customized systems as well as fast delivery on items held in stock makes us an ideal supply partner.

The feedback

Conor Baxter, Outreach Marketing Manager, Heightsafe Systems: "We chose REID Lifting products for this project because of the superior build quality and broad range of solutions which were perfect for the works we carried out at Erie Basin."