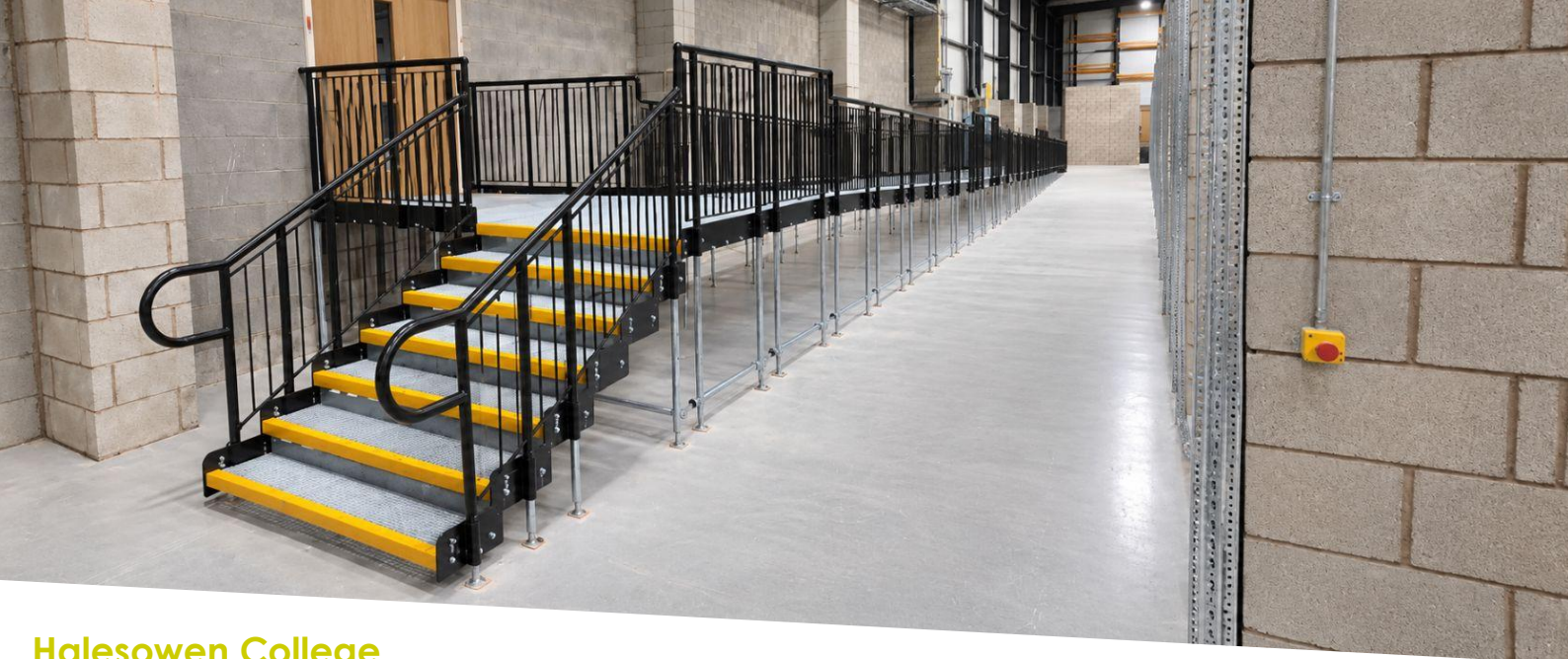




Halesowen College

PROJECT BACKGROUND:

The former SkateHut premises on Amber Way were redeveloped to accommodate the college's new construction training campus. The project involved adapting the existing warehouse for its new educational use.

REQUIREMENT:

We were tasked with supplying and installing an internal modular ramp to overcome a floor-level difference of approximately 900–1,000 mm, with an initial proposed length of around 12 metres.

The ramp needed to fit within the existing warehouse layout, making efficient use of the available footprint while accommodating the change in floor height.

The proposed solution also needed to take account of the relevant requirements of Building Regulations Approved Documents Part K and Part M, alongside Building Control requirements.

APPLICATION

Education

LOCATION

Halesowen, West Midlands

SYSTEM

Internal Ramp

SERVICE PACKAGE

Supply & Installation

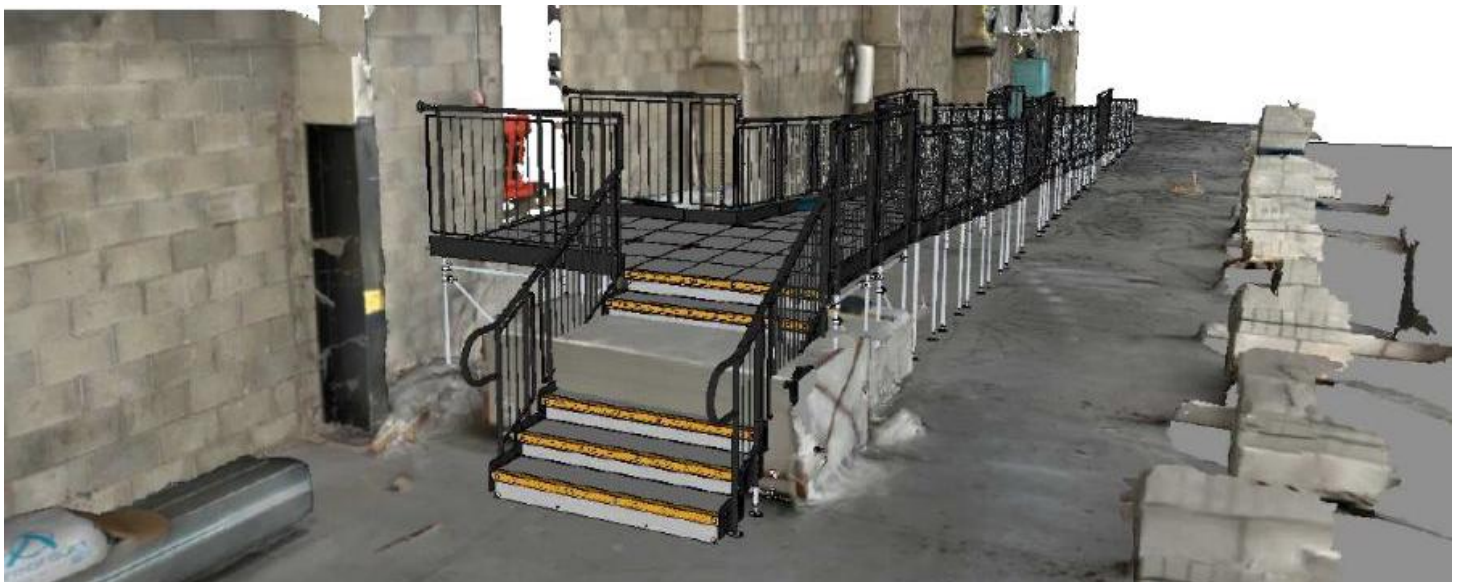
DESIGN PHASE:

Following approval of the initial estimate, our site surveyor used Rapid Scan technology to create a digital 3D model of the site, capturing the existing layout, floor levels, access points and obstacles.

Our in-house drawing team used this model to produce detailed 2D layout and 3D drawing of the proposed ramp. These showed how the ramp would fit within the available footprint, incorporating a single turn and level platforms.

We worked closely with the contractor responsible for the project on behalf of the college, providing the drawings for them to review with the college representatives. This allowed the proposed layout to be discussed, and the preferred design agreed before installation began.

Examples of the 3D Drawings Created:



INSTALLATION:

Completed in just three days, the installation was delivered on time and without delay, keeping the wider project firmly on track.

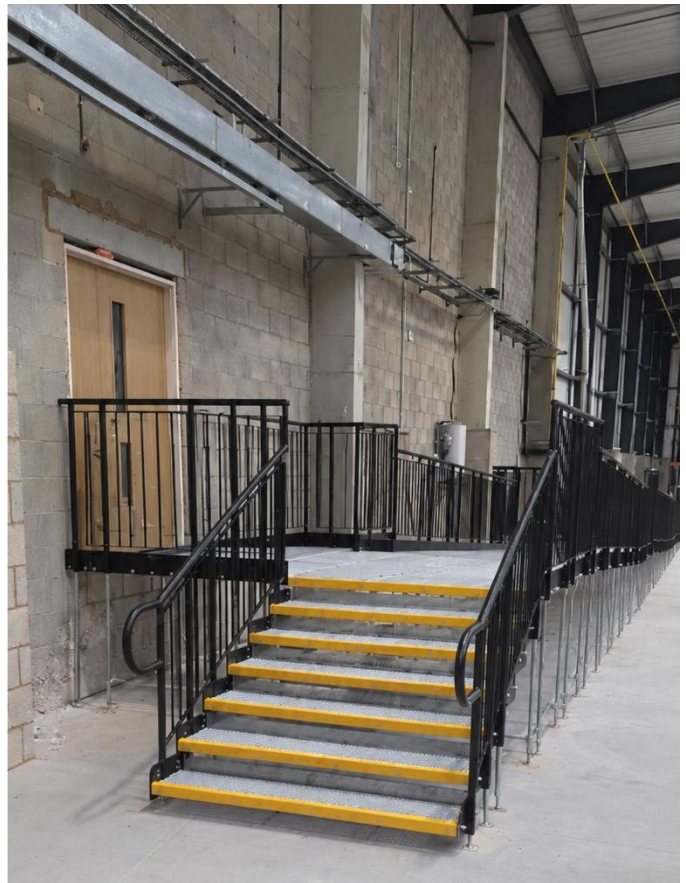
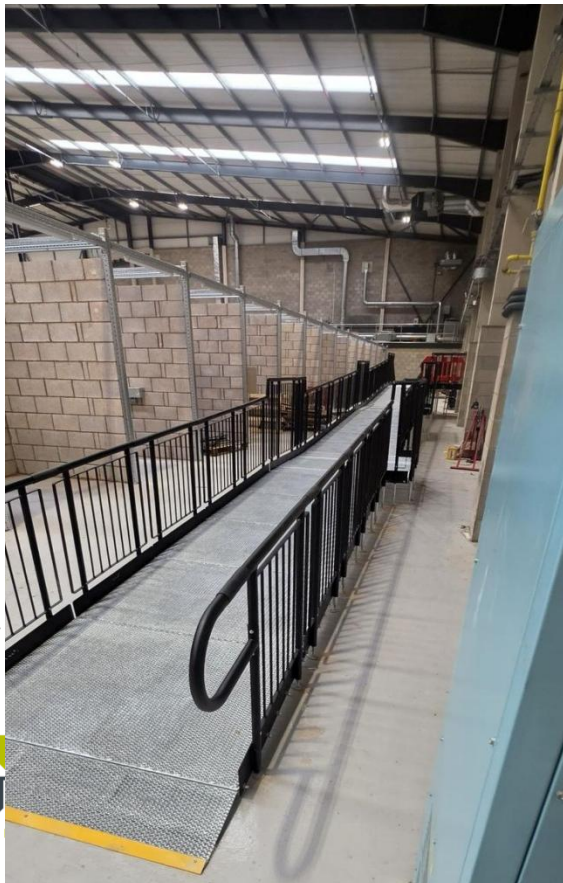
Unlike a fixed concrete ramp, which typically requires more time to install and can be costly and disruptive to modify, our modular system provides a permanent, robust solution while retaining the flexibility to adapt to future needs.

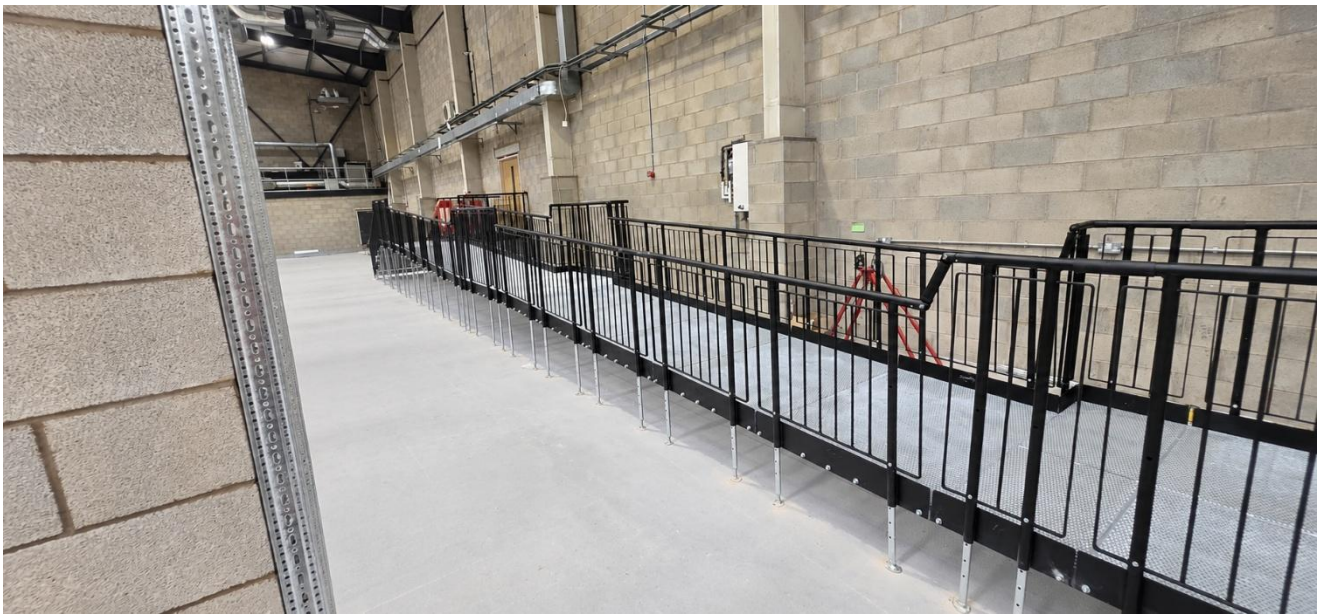
If the warehouse layout evolves, new doorways are introduced or access points need to change, the ramp can be reconfigured or relocated to meet those needs, minimising disruption and avoiding costly reconstruction.

The installation forms part of the wider transformation of the premises into a construction training campus, helping create a practical learning environment for the next generation of construction professionals.

SYSTEM FEATURES INCLUDED:

- Looped Trombone Ends – Curved end sections reduce the risk of clothing, bags or other items snagging on exposed rail ends.
- Slip-Resistant Mesh Platform – A multi-directional walkway with self-draining steel mesh provides a secure walking surface whilst allowing water and debris to pass through.
- Standard Colour: Black – Powder-coated black finish provides greater durability and weather resistance than traditional paint.
- Adjustable Telescopic Legs – Allow the system to accommodate the varying existing ground levels and threshold heights.
- Slip-Resistant Yellow Tread – High-visibility tread highlights key level changes and transition points.
- Continuous Handrail - This handrail system ensures that users always have a support to hold onto.
- Infill Handrail - This product safeguards against users climbing or falling through gaps.
- Modular Steps - Provides access for able-bodied users and can be a joining addition to a modular ramp installation or an independent unit.





WEBSITE: rapidramp.co.uk
HOURS: Open 8am - 5pm, Monday to Friday
ADDRESS: Riverside Works, Church Ln, Etchingam, TN19 7AS

Do you require modular
ramps and steps?

Request a quick price