

# UltraFloor forges ahead with industrial flooring project



Experienced industrial flooring experts, Floor Painters Limited, have used a number of UltraFloor materials to complete a 2,100 sqm industrial flooring project at a historic steel forge in Lincoln.

**CONTRACTOR: FLOOR PAINTERS LIMITED**

**MATERIALS USED: LEVEL IT BASE, LEVEL IT TOP**

Built over 100 years ago, the existing floors in the steel forge were damaged and unsafe. After careful consideration, it became clear that replacing the original concrete floor was not a practical option in terms of time and cost.

The steel forge remained fully operational throughout the project and so the challenge was to find a range of flooring materials perfectly suited for industrial use and that could be trafficked quickly so as not to disrupt any work being carried out.

With decades of expertise, Floor Painters Limited knew UltraFloor materials were key to a successful outcome.

After removing the damaged concrete floor, the concrete substrate was sealed using UltraFloor Prime IT Multi-surface Primer. Formulated to promote adhesion to all UltraFloor smoothing underlayments, Prime IT Multi-surface Primer is pigmented pink for excellent coverage control and is proven to reduce pinholing, minimising the risk of costly failures. With a coverage rate of 200sqm at 3:1 dilution, Prime IT Multi-surface Primer is a must-have product for all flooring installation projects.

The following day, Level IT Base was applied, via pump, at an average depth of 50mm. Level IT Base



is a heavy duty, deep fill smoothing underlayment, formulated to build depths of up to 50mm thickness. Level IT Base also boasts a high compressive strength – an important requirement for all industrial flooring applications.

Once Level IT Base had cured, Level IT Top was pump applied to an average depth of 10mm and left to cure. Ideal for use with Level IT Base, Level IT Top is a heavy duty, abrasive resistant surface finish, designed for use as a wear surface, and can receive forklift traffic after only 36 hours – the ideal product for warehouses and manufacturing facilities where downtime is not an option!

Both Level IT Top and Level IT Base can be pump or trowel applied for ease of application, are moisture tolerant, have a 30-40 minute working time and can receive foot traffic after just 3 hours.

# ULTRA FLOOR

To complete the installation, the cured floor was then prepared by industrial grinding before the application of two coats of a solvent free epoxy coating – resulting in a flat, hard-wearing, safe and fit for purpose floor.

The project was completed in six stages, over 36 days, carrying out between 300 and 500 sqm a day, depending on the work space made available. On completion of the project, Terry Rossington, Director of Floor Painters Limited, commented: **“Our client was very happy with the standard of the finish and the upgrades made to their working environment, which has improved both visual appearance and functionality of the floor.”**

