



vebro project showcase

Millennium Group, Hertfordshire, UK

the challenge

A durable, high-performance floor coating system was required for a fully refurbished mechanical workshop that would go on to be leased to industrial end users.

meet the client

Millennium Group is an international property investor, developer and management organisation, that specialise in sourcing, managing and maximising the potential of industrial grade properties.

The company, founded in 1993, is established in major industrial markets across the globe, including Asia, mainland Europe, Australia and the US, as well as the UK, where this old mechanical workshop is located.

the project

The former mechanical workshop has undergone a full refurbishment, including an overhaul of the flooring to ensure its suitability for as wide a range of industrial end-users as possible.

The facility, located in London Colney, a small village close to St Albans, Hertfordshire, is situated in a small industrial estate, and was previously used as a mechanical workshop.

The floor had been subject to heavy impact as well as contamination from oil, meaning particular attention would be required to certain areas of the substrate.

key service criteria



Robust & durable



Chemical resistant finish



Easily cleaned & maintained



Wear & impact resistant

vebro's solution

Vebro Polymers supplied a package of epoxy floor coating materials as well as a heavy duty screed and styrene butadiene liquid additive.

After shotblasting and with a combination of **vebro** EP Primer and **vebro** EP OT Primer in areas where oil had previously contaminated the substrate, **vebroscreed** Industrial was applied at 10.0 mm across the 1,200 m² floor area. The deep-fill, rapid-setting and hardening, high strength, single-part, cementitious smoothing underlayment screed provides a durable sub-floor prior to the installation of resin finishes.

vebroscreed SBR was used as an additive in a traditional sand-cement screed to create ramps between the industrial area and its adjoining office spaces. The resulting formulation delivers additional durability and water resistance when compared to sand-cement screeds without the additive, as well as considerably faster drying times.

A combination of **vebro** EP Sealer and **vebro** EP Universal in BS4800 00A09 Flint Grey, installed across the entire 1,200 m² floor areas as well as the ramps, delivered a durable, chemical resistant floor finish that would be suitable for a range of industrial end users, making this an ideal choice for a building intended for rental.

meet the installer

Concrete Flooring Solutions, who were founded in West Sussex in 2010 and operate across the UK, are dedicated to upholding its founder's vision to provide valuable services to clients, build partnerships and deliver excellence in all aspects of its business.

With over 30 years of experience, the Concrete Flooring Solutions team has been involved with some of the largest clients and contractors across a range of sectors including aviation, retail, education, manufacturing & heavy industry, pharmaceutical and agriculture.



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