

News Release



UCRETE[®] Anti-Static Flooring Goes Down Well at MTL

BASF Construction Chemicals, a division of BASF, has supplied 3600 m² of its UCRETE[®] MF anti-static grade flooring to Measurement Technology Ltd (MTL), a world leader in the development and supply of system infrastructure products and protection equipment to the process industries. The system was installed by flooring contractor Flo-Dek (UK) Ltd, a recognized specialist in the application of trowel and hand-applied finished products within the resin flooring and screeding industry.

MTL manufactures devices for hazardous areas where there is a probability of explosive atmospheres, including surge protection in electronics and explosion protection in refineries. Flo-Dek (UK) Ltd recommended the specification of the UCRETE[®] system for the production and assembly areas of MTL's new Luton facility to provide electrostatic dissipation.

Said Martin Davis, Director of Flo-Dek (UK) Ltd: "I had no hesitation in recommending UCRETE[®] for this project, knowing that it is one of the best in its field for installation and performance. At the planning stage Flo-Dek (UK) Ltd and BASF's technical experts had several meetings with the client to make sure that we satisfied their requirements."

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UCRETE® MF/AS is a heavy duty polyurethane floor finish with exceptional resistance to aggressive chemicals. Dense and impervious, its anti-static properties comply with the requirements of BS5958, EN1081 and DIN51953.

For this project, BASF met the client's request for a non-standard colour by manufacturing the system in a bespoke pale grey.

Before the flooring could be installed, the power floated concrete base in the production and assembly zones required shot blasting to give a good bond to the resin-based flooring. Dust was kept to a minimum using vacuum extracted mobile shot blasting equipment.

A bonding coat was laid onto the shot blasted power floated substrate to ensure good adhesion for the UCRETE® flooring, which was then poured over the bonding coat. Being a liquid application, the resin-based flooring gave a very even, level, and smooth finished surface.

Flo-Dek (UK) Ltd programmed the installation of the flooring for maximum flexibility to allow the main contractor to continue with the facility's fit out whilst the UCRETE® went down. This involved Flo-Dek (UK) Ltd working from one end of the building, carrying out installation progressively in strips 60 m long by 7.5 m wide to complete the 3600 m² of manufacturing floor area, maintaining a good quality of finish throughout.

Said MTL's Site Services Manager Colin Lee: "Due to programme completion pressures, Flo-Dek (UK) Ltd's flooring installation crew was adaptable and responsive to the need to complete certain parts of the flooring to allow other trades access to continue the installation of services for the production machinery.

"We were able to run Z-Lift access platforms and fork lift trucks over the new flooring within two days of it being laid, without any damage. The total installation has been very successful, giving a smart, bright and very durable finished product.

"The performance of the floor is very successful with no damage, even with 5 tonne fork lift trucks running over it during the installation of our manufacturing machinery.

"The flooring is cleaned on a regular basis using neutral detergent which maintains the finish and the electrical static dissipative properties to a high standard. We are finding this type of flooring, easier to clean and more durable and wear resistant than the vinyl type of flooring that was installed in our previous premises."

Concluded Colin: "Overall we are very pleased that we chose UCRETE® MF static dissipative flooring for our new factory."

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About the Construction Chemicals division

BASF's Construction Chemicals division is the leading supplier of chemical systems and formulations for the construction industry. Continuous innovation and tailor-made solutions ensure its customers are more successful. Its Admixture Systems business unit specifically helps customers in the ready-mix, precast, manufactured concrete and underground construction industries. The Construction Systems unit offers a wide range of products for sports and industrial flooring, external renders and wall insulation, expansion joints, wood preservatives as well as specialist repair mortars, tile adhesives and waterproofing membranes. The division operates production sites and sales centers in more than 50 countries and achieved sales of €2.2 billion with approximately 7,700 employees in 2008.

About BASF

BASF is the world's leading chemical company: The Chemical Company. Its portfolio ranges from chemicals, plastics and performance products to agricultural products, fine chemicals and oil and gas. As a reliable partner BASF helps its customers in virtually all industries to be more successful. With its high-value products and intelligent solutions, BASF plays an important role in finding answers to global challenges such as climate protection, energy efficiency, nutrition and mobility. BASF posted sales of more than €62 billion in 2008 and had approximately 97,000 employees as of the end of the year. Further information on BASF is available on the Internet at www.basf.com.

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