

## Tough Resin Flooring for New Technology College

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The new 5-storey Construction and Engineering Block at the College of North West London benefits from a durable resin floor system laid in light grey throughout by professional manufacturing and installation company, Ryebrook Resins. Designed to deliver a high-tech environment in which to teach modern building techniques, automotive repair and specialist mechanical services engineering, main contractor Mulalley & Company Ltd, invited Ryebrook to tender to supply and lay their Ryetech Plus slip-resistant epoxy floor coating to all areas including workshops, corridors and stairs.

Demonstrating the flexibility of resin, Ryebrook also included aesthetically high impact flooring graphics in polyurethane Ryedur, including zebra crossing stripes, yellow cross-hatch junctions and a double red route lining along the main corridors.

Designed to highlight a variety of the latest construction techniques and materials, the new education facility will accommodate over 1,000 students. Capable of withstanding high foot-fall levels in the long-term, the Ryebrook resin flooring system is entirely seamless making it easy to keep clean as well as being extremely durable. Essential for many of the workshops, Ryetech Plus also offers resistance to chemical spillage.

Before laying the Ryetech Plus, Ryebrook first prepared the concrete based by mechanical diamond grinding to ensure maximum adhesion. Where necessary, a damp proof membrane was used to protect the resin from any remaining moisture in the concrete. The first coat of standard Ryetech was then laid and allowed to cure before a second coat of Ryetech Plus could be added, giving a slightly glossy, textured finish. Achieving a brighter colour, Ryedur was utilised for the floor graphics.

“Since the new teaching facility opened in October 2008 the resin floor has performed well”, comments Malcolm Rapier, Assistant Principal for the College of North West London. “It showcases to the students how resin can be used innovatively to deliver both functionality and a visually impressive solution.