

Resin flooring



Altro resin quartz flooring in YO! Sushi restaurant in Brighton

The colours chosen were selected to match the stand's corporate branding. Any RAL colour can be specified, beyond the standard range of 37 colours.

DCP's (Don Construction Products) high performance flooring systems were specified in the conversion of a former pottery works in Stoke-on-Trent.

DCP helped to regenerate the site into small enterprise units and a skills training centre for Renew North Staffordshire.

Strongcoat HB, a high build epoxy coating was applied directly on top of the screed. This two-pack, solvent-free coating system is designed to provide a seamless, hygienic and aesthetically pleasing floor finish.

Strongcoat FHB was applied to the surface of mezzanine flooring system to ensure the floor was resistant to wear and trafficking. Formulated for ease of application, it is a flexible high build protective floor coating, said to provide low maintenance.

www.donconstruction.co.uk

Mapei UK says its hardwearing Ultratop cementitious decorative flooring system comes in six colours and can be combined with Dynastone special coloured aggregate. Mapefloor I320 SL Concept is designed to combine striking granular colours offering strength, durability and a first class finish.

The Mapefloor range of 33 products, incorporates substrate preparation materials such as primers and quartz through to coloured aggregates, self-levelling toppings, finishes, coatings and coloured pastes.

Resin Surfaces Ltd (RSL) supplied its Resufloor products to Tenneco Walker, a major automotive exhaust systems producer.

The floor in its manufacturing area in its South Wales factory had to be resurfaced due to a long history of wear and tear. The floor had been painted on numerous occasions.

Contractor Fast Track Flooring were required to resurface the 1400m sq area with a system



DCP flooring at one of the small enterprise units in Stoke-on-Trent



Part of the BASF exhibit at the Building Centre

It stands to resin

Resin flooring is more than just a hardwearing option:

Altro resin quartz flooring was used in YO! Sushi in Brighton. Pebblestone was installed in the main restaurant area, with an additional quartz aggregate added to the screed to protect against slips and trips.

John Isted, development and projects manager at YO! Sushi, said: 'We wanted a stunning classic minimalist look with grey and white furniture and fittings. The floor needs to cope with daily wear and tear and be easy to maintain. Altro's resin floors ticked all our boxes.'

Grant Machen, from installer Resintek Services, said: 'Altro's resin range comes in a choice of colours, so it can totally change the appearance of a room or shop, while being resilient and hard wearing.'

www.altro.com

BASF Construction Chemicals is using a permanent exhibit at The Building Centre in London to highlight the design capability of its

Mastertop 1300 self-levelling resin flooring. The three systems in the range, 1324, 1325 and 1326, have different hardness characteristics (from semi rigid to soft) designed to meet various customer needs. All three systems are said to be easy and fast to apply even in rooms with complex geometry.

Performance flooring product manager Robert Bentley chose 1326 freeform decorative flooring as the centrepiece for the company's new stand.

Says Robert: 'We wanted flooring that would look bright and fresh and be UV stable so that it wouldn't degrade or change colour over time. The stand has raised access flooring so we also needed a flexible sound deadening product suitable to use on a chipboard surface with a 10cm void underneath. Mastertop 1326 has an integrated acoustic underlayment.'

The product was applied at a 2.5mm thickness on top of a primer coat on the base, which consisted of four pieces of plyboard with cracks needing to be filled. A top coat gave the system a cleanable finish.



A recent installation of Ultratop decorative flooring from Mapei

Resin flooring

providing a hard wearing, chemical resistant and easy to clean surface. Resufloor self-smoothing system was chosen due to its track record of longevity.

To allow production to continue unhindered, the product was installed in phases over four weeks

at the customer's request.

Dave Boden, of Fast Track Flooring, comments: 'Using products that are easy to prepare, quick to install and providing a consistent, quality finish is as important for a factory manager as it is for the contractor, as it is essential



DPM IT products from Ultra Floor

to keep production moving in this challenging market.'

Ultra Floor DPM IT is a two part damp proof membrane system available as a one coat or two coat system with an optional accelerator additive.

The mixed components are said to act as a moisture suppressant over sand/cement screeds where residual moisture is retained, ensuring moisture protection to smoothing compounds, adhesives and floorcoverings.

The one- and two-coat products are solvent free, two-part epoxy resin systems, designed to cure in 18-24 hours, preventing the passage of moisture into subsequent layers, allowing early installations of floorcoverings. The one-coat version is pigmented blue whereas the two-coat is red.

DPM IT A is a damp proof

membrane accelerant, designed for use with DPM IT one- and two-coat. It is reported to reduce their curing times to three hours and allow for the early installation of levelling compounds and floorcoverings. **CFJ**



Resufloor from RSL at the Tenneco Walker factory in South Wales

BUYERS' GUIDE

For further information on any of the products mentioned, contact the suppliers directly. And please remember to tell them that you read about their companies in **CFJ**:

Altro	01462 707600
BASF	0161 485 6222
DCP	01538 361799
Flowcrete	01270 753000
Mapei	0121 5086970
RSL	0161 483 1232
Ultra Floor	01827 872244

Innovation helps resin flooring to hold its own



Mark Greaves, group md of Flowcrete, outlines some of the innovation being introduced in the resin flooring sector:

THE recession has hit some areas of the resin flooring marketplace – but it's not all doom and gloom by any means. Innovation is seeing resin flooring hold its own in these difficult times.

Industrial business – especially the automotive and related industry – is depressed. As a result we have found that the more traditional manufacturing sector is slower in specifying new floors.

However, that is balanced out in trading terms by the fact resins are increasingly being used in commercial applications such as shopping centres, leisure facilities and airports.

Here, there is a big demand for aesthetics, bespoke colours and 'designer' style floors, a world away from the traditional 'workhorse' perception of resins.

Colour, sparkle, texture and special effects are being brought into the mix to make floors so much more than something to just walk over.

Ultimately, flooring in the commercial environment is becoming more dynamic, more individualistic and more experimental than ever. We are seeing a definite change in the way flooring is viewed by the industry, including architects, interior designers and specifiers.

Another area of growth for us in terms of resin flooring sales is in car park areas.

This is because products such as our Deckshield car park decking compares well against asphalt, due to its better aesthetics, slip resistance, lower weight and lower carbon footprint.



Two of the innovative products from Flowcrete, Deckshield (left) and a decorative surface

flooring and more preparation to repeat the installation. End-of-life resin floors can be removed as non-hazardous waste or floored over.

Innovation in resin flooring also continues to boost its attractiveness within several market sectors. For example fast-track flooring products have opened new markets, as specifiers in the industrial and commercial sector recognise that a project can be completed with the floor ready for use within two hours after installation.

Even in a recession, food production is still relatively stable, while investment in the healthcare sector is substantial. Resin flooring, with its seamless qualities, remains an attractive proposition for both these sectors.

The addition of the silver-based anti-microbial in our hygienic floors has been well-received within the food and drink sector, as well as healthcare environments, due to its ability to tackle problems including MRSA, C-Diff, salmonella and E-Coli.



Resin floors are also a durable and low maintenance choice – which in turn enhances green credentials. They can stay in-situ when other shorter lifecycle floors have to be re-installed due to wear and tear – avoiding the uplift, removal and disposal of the worn-out floor finish, the manufacturing procedure of new

A commitment to ongoing research and development also needs to continue to meet the ever-changing needs of the marketplace. At Flowcrete it means an annual R&D investment of £600,000 in the UK –£1.3m globally. **CFJ**