PSC Flooring Ltd.

industrial flooring contractor

Light Duty Engineering and Manufacturing Flooring Examples

FeRFA THE RESIN FLOORING ASSOCIATION

veriforce® CHAS® Compliant Contractor

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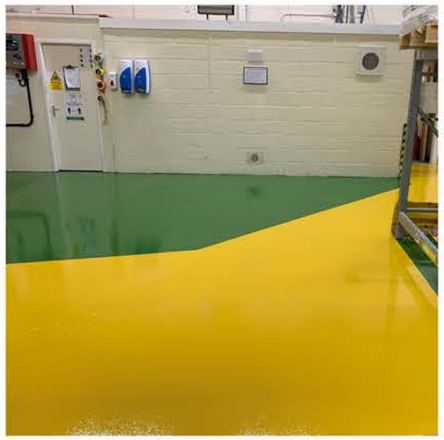
CSCS

Versatile flooring solutions for Engineering & Manufacturing

Including Aeronautical, Aerospace, Automotive, Casting, Chemical, Component, Fabrication, Forming, Joining, Machining, Manufacturing, Mechanical, Mechatronic, Moulding, Pharmaceutical, Print, and Shearing.

Heavy duty and impact resistant



Anti-slip if required

Budget friendly options available

High build epoxy resin is ideal for light industrial workshop flooring because it is:

- **Fast to install** - minimising downtime
- **Suitable for HGVs, pallet trucks, stillages & fork trucks**
- **Totally impervious** to grease, oil & fuel
- **Easy to clean**
- **Anti-slip** if required
- **Demarcation lines can be applied** in a variety of colours
- **Value for money** - Epoxy resin flooring is not expensive comparative to its lifespan

Light Engineering & Manufacturing Flooring

Budget friendly, resin coatings are suitable for all types of light industrial and manufacturing facilities. High build epoxy resin coating systems are ideal for light engineering and manufacturing

Hard-wearing

High Build Epoxy Resin Coating Flooring Systems are suitable for heavy-duty forklift truck traffic.

Anti-Slip

If required, anti-slip safety flooring can be applied to high traffic pedestrian areas such as gangways and loading areas.

Health & Safety demarcation

To meet HSE regulations demarcation lines, walkways, hatching and block colour areas can be applied to High Build Epoxy Resin Coating Flooring Systems.

Quick to Install

Epoxy resin is the ideal for light industrial and manufacturing flooring as operational downtime can be kept to a minimum. With options starting from as little as 4 hours drying time per coat and by installing using out of hours and phased work programmes it is possible to accommodate most clients.

#engineering-manufacturing-flooring

Light Duty Flooring

- Available in a variety of colours
- Demarcation lines can be applied
- Value for money
- Fast to install
- Totally impervious
- Easy to clean

Westley Plastics

Manufacturer of run flat tank and vehicle tyres based in Cradley Heath, West Midlands

274 square meter moulding facility

The client had a number of priorities but in particular requested a hardwearing, easy to clean floor with clearly defined working and pedestrian areas, that could be achieved in a quick turnaround time to minimise production down time.

The 274 square meter area of existing concrete was prepared using a diamond grinding machine to clean and prepare the floor and remove all contaminates before sweeping and vacuuming the area. Once clean, two coats of high build Resdev Pumatect epoxy resin were applied in the clients chosen Mid grey colour to all the main production areas, incorporating a 0.2mm to 0.4mm polymer bead anti slip aggregate around the 14 machines. The mid grey was complimented with a 139 square meter contrasting green walkway edged with 75mm highly visible safety yellow demarcation lines.

The job was part of a multi-phase project that was completed on time and with budget.

> “The installation has completely transformed our moulding area. Not only is this a cleaner working environment which is better for our production process, but we now have peace of mind that our staff have a safer working environment. PSC worked around our working schedule completing the work over a weekend to ensure minimum loss of production time.
>
> Tom Westley - Westley Plastics

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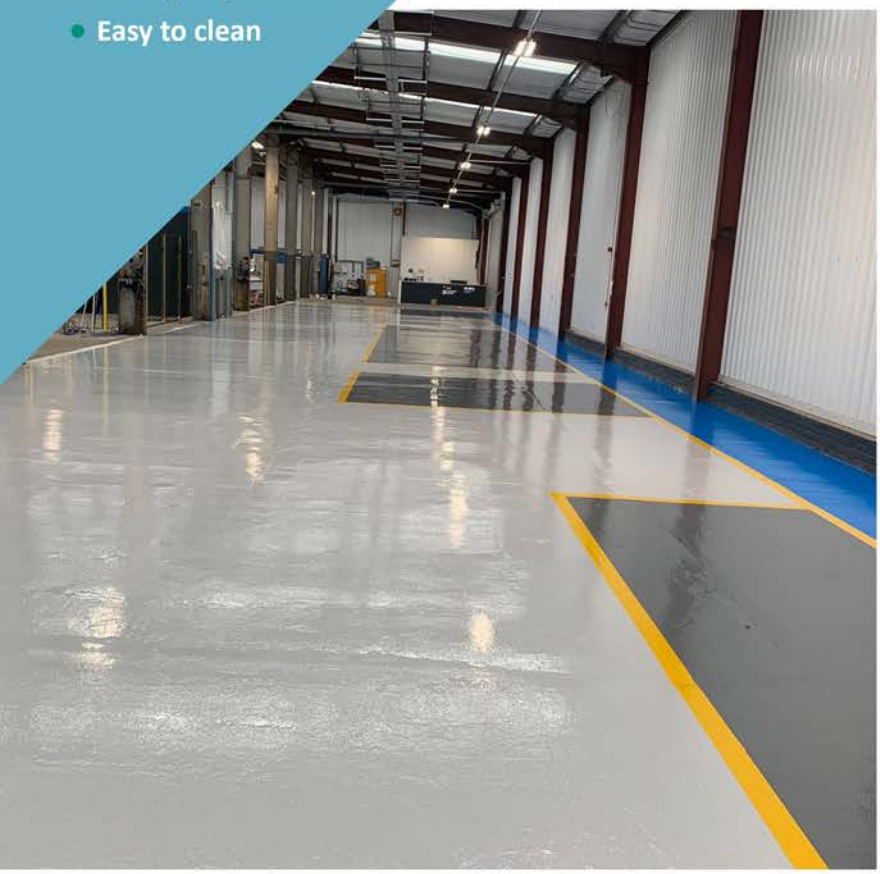
Isolclad Ltd

Manufacturer of insulated panels & ancillaries - New Workshop Monmouth facility.

670 square meter floor in Vertix Workshop



The main floor area was thoroughly cleaned and prepared using a triple headed diamond grinding machine and the edges with a hand held diamond grinder. The area was vacuumed clean and repairs were made to any localised damaged concrete, holes, bolt holes and cracks using epoxy resin screed and polyurethane mortar.

The space was divided by colour and the two coat Resdev Pumatect high build epoxy resin flooring system was installed. The client's main colour, light grey, was applied to 471 square metres with 100 square metres masked out in Dark grey, a Chelsea Blue 69 square metre walkway, with 100mm wide edging lines to walkway and around all dark grey areas in safety yellow totalling 149 linear metres.

Additionally Resdev Pumatect V high build epoxy resin was used to create 300mm wide chevrons to the walkway in safety yellow.

The job took 5 days and was completed on time and in budget.

> "We are really pleased with the new floor; we weren't expecting such a good finish given the state of the original floor. Our MD now wants the rest of the factory completed in epoxy resin!".
>
> Mr. Kevin Wilkinson, Business Dev Executive for Isolclad Ltd

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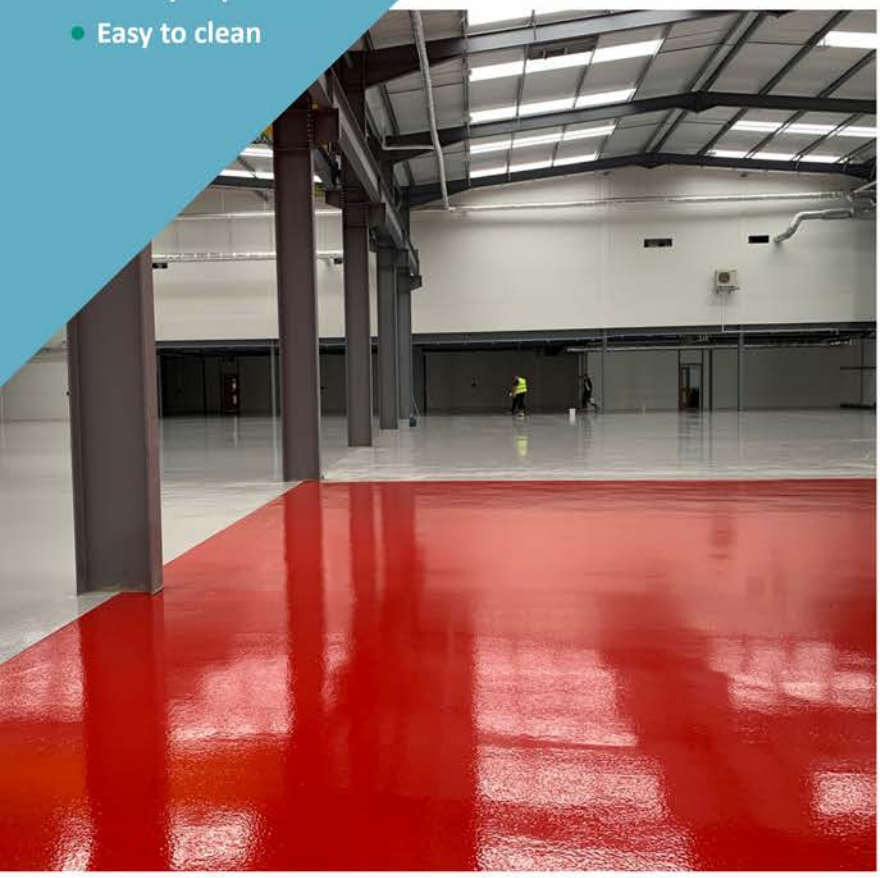
Barton Firtop

Manufacturer of filtration products based in Kidderminster Worcestershire

3,000 square metre production facility



Long-time client Benniman Construction Ltd called on PSC Flooring to carry out installation of a new epoxy resin flooring system to a new warehouse/production plant they were building for Barton Firtop Engineering Company Limited.

The 3000 square metre area was given a light shotblast using a totally enclosed ride on shotblasting machine and all the edges were prepared using a hand-held diamond grinder. The area was then vacuumed clean to remove all residues and dust before two coats of Resdev Pumaprime DPM epoxy primer were installed to prevent moisture rising from the newly laid concrete slab.

The 3000 square metre area was then divided into sections as per the clients' requirements and two coats of Resdev Pumatect high build epoxy resin were applied in the clients chosen light grey and safety red colour scheme.

The entire job was completed in just 10 days straight to meet with the tight timescale set by the client.

> "PSC were extremely accommodating to fit in with our tight schedule, the Barton Firtop project has included a multitude of skilled trades and PSC being able to be flexible and accommodating to the tight changeable schedule.
>
> Matthew Chalkley

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Beakbane Ltd

Manufacturers of machinery protection systems based in Kidderminster, Worcestershire

576 sqm floor in Building Number 6

The client was looking for a flooring system that would be hard wearing yet easy to keep clean. The moisture meter reading was above the normal level and so it was recommended that a DPM epoxy primer be applied followed by a two-coat high build epoxy resin flooring system.

The floor was given a medium shotblast using a totally enclosed shotblasting machine and the edges ground back using a handheld diamond grinder. The area was vacuumed clean and repairs made to localised damaged concrete, holes, joints, and cracks using epoxy mortar compound and epoxy resin screed.

One coat of Resdev Pumaprime DPM epoxy resin damp proof membrane priming system before the two coat, Resdev Pumatect high build, epoxy resin flooring system was then laid, to total floor area, in the clients chosen colour – light grey.

The work was completed in just 4 days on time and on budget.

> “We are so pleased to get this project completed – the floor looks fantastic. With significant initial investment in the building, we believe continued investment by installing the correct type of floor is money well spent.
>
> Mr. Bob Haycock, Operations Manager

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Anstey Wallpaper Co

Wallpaper manufacturer - Loughborough

417 square metre digital printing room

At the site visit it was noted that the existing concrete slab had multiple layers of floor paint that would need to be removed before any flooring system was installed. The client was keen to have a light bright working space that was easy to clean, hardwearing, durable, and attractive.

The entire existing concrete floor was thoroughly cleaned and prepared to remove the multiple layers of floor paint, using the enclosed double headed diamond grinding machine and totally enclosed hand held 110v diamond grinder. The area was then vacuumed clean to ensure that the floor was free of residues and dust. Repairs were then made to damaged localised concrete, holes and cracks as required using polyurethane mortar compound and resin filler.

The two coats of Resdev Pumatect high build, epoxy resin flooring system, were laid in the clients chosen gloss, light grey 7035. The job took a two man team just 5 days to complete, completed on time and in budget.

> “The floor area in the new digital print room looks great! The flooring system that PSC have installed has completely transformed what was a very tired and dirty floor.”
>
> Mr Jonathan Dyson, Anstey Wallpaper Company

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