

## Top Image:

The finished floor looking ten times better than it did before works started.



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## Bottom Image:

This photo shows the area of the floor most damaged by the fire, and the first area of focus for our team.

### P.1 – Method/Preparation

Optimum Flooring were called in to have a look at this job as the floor had been damaged as a result of a fire. The whole floor area of around 1800m<sup>2</sup> needed a revamp but first our team focused on the areas of damaged floor as shown below. We started by digging out the area most affect by electric kango machines to a depth of 30mm, then we primed the area with a scatter of aggregate before pumping in a deep fill smoothing compound to a depth of 30mm. Once this had cured we applied a clear epoxy seal coat over the top, ready for our works to the whole of the floor area.



## Top Image:

Here we have a photo from our first site visit, showing the floor before our works.



## Bottom Image:

Below is an image of some quarry tiles present in an area. Our team removed these upon our preparation stage.

### P.2 – Application/Installation

First we mechanically ground the floor by the use of a three-phase mechanical grinding machine, and by the use of mechanical hand tools. Other areas contained small amounts of quarry tiles as shown below, we used electric tile lifters to remove these, before infilling to level out the floor. We then applied a base coat which was a water-based epoxy paint, followed by a first coat of a high build epoxy, before taping out the demarcation lines to match the clients drawing and location of where walkways would be installed.





### Top Image:

Once the floor had been repaired, our team mechanically ground the whole area, this photo was taken at the end of our prep stage.

## P.2 – Application/Installation

Once we had installed the demarcation lines our team could apply the second coat of grey high build epoxy coating as shown below. Once cured we then applied the same high build coating, this time in red to the existing marked out walkways. This was left to cure, our team returned the following day to remove the tape used to mark out the demarcation lines, and apply an epoxy high build yellow line paint to finish the job and give the desired finish.

### Bottom Image:

This image shows our progress on the job, the floor has been ground, primed, the grey paint has been installed and the walkways marked with tape, ready for application of the red.



## Image:

The finished floor here, exactly what the client was looking for, making the whole place look so much better.



## P.3 – Result

Our team finished on time, without any delays to give the client a finish they were more than happy with. Another good job completed by the Optimum team!



*“Thanks to the Optimum Team for all your hard work on this project, the floor is fantastic”*

- Wayne Elliott (Project Leader)

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