



Mortuary



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Top Image:

Here's the finished article, a great looking refreshed floor ready for use.

Bottom Image:

This image shows the floor before work commenced, showing the aged quartz floor.

P.1 – Method/Preparation

A very thorough diamond grind was needed for this floor to prepare and provide a mechanical key to the quartz system currently down, followed by a precise preparation of all edge detail and curved upstands using handheld nine inch grinding machines, all with fitted vacuum attachments to keep dust at a minimum as per the client's requirements.



Top Image:

This great shot shows how the seamless system is applied to the floor and coving detail at the same time.



Bottom Image:

Here we have another great photo of the floor being laid by our team, showing the difference a refreshed floor can really make.

P.2 – Application/Installation

Once initial preparation had been completed our team spent some extra time around the drainage run shown below as the previous floor held water around the channel. Our team ensured this “ponding” effect would be eradicated by ensuring that the drainage channel sat below the new floor level. Once all preparation has been completed our team installed Resdev Pumaprime TC, an epoxy resin adhesive primer.





P.2 – Application/Installation

Whilst the primer is tacky we then applied Resdev Intrica Fusion which as you can see is a highly decorative epoxy floor screed with a slight texture. This is produced by the combination of clear epoxy resin and graded coloured aggregates. Once cured our team de-nibs, vacuums off any excess aggregate and then applies two coats of Resdev Intrica Grout, a specially designed thixotropic seal and grout for epoxy quartz floors. To then provide the client with a UV stable floor to stop any “yellowing” effect, we applied Resdev Pumadur DD Clear which is a clear UV resistant polyurethane top coating.



Top Image:

This image shows the floor being installed, the screed is applied at a nominal thickness of 4mm – 6mm, hand laid by a steel float trowel.

Bottom Image:

This system cures in 24hours for light foot traffic, allowing for the client to continue operations. The system achieves full chemical cure in 7 days.



Image:

The attention to detail shown by our team was tremendous, as you can see from the coving detail and the attention paid to the base of the sinks.



P.3 – Result

The result is, as you can see below a much refreshed and highly decorative and seamless epoxy resin screed leaving the client happy with the finished floor, and also the small time frame in which our team completed the works.



“Great work from the Optimum team, our floor looks amazing”

- Maintenance Manager, Stoke Hospital



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