



SIKA AT WORK

SIKA ComfortFloor® FOR
FLOOR REFURBISHMENT OF
YORK HOSPITAL OPERATING
THEATRE, UK

BUILDING TRUST



FLOORING REFURBISHMENT YORK HOSPITAL OPERATING THEATER

PROJECT DESCRIPTION

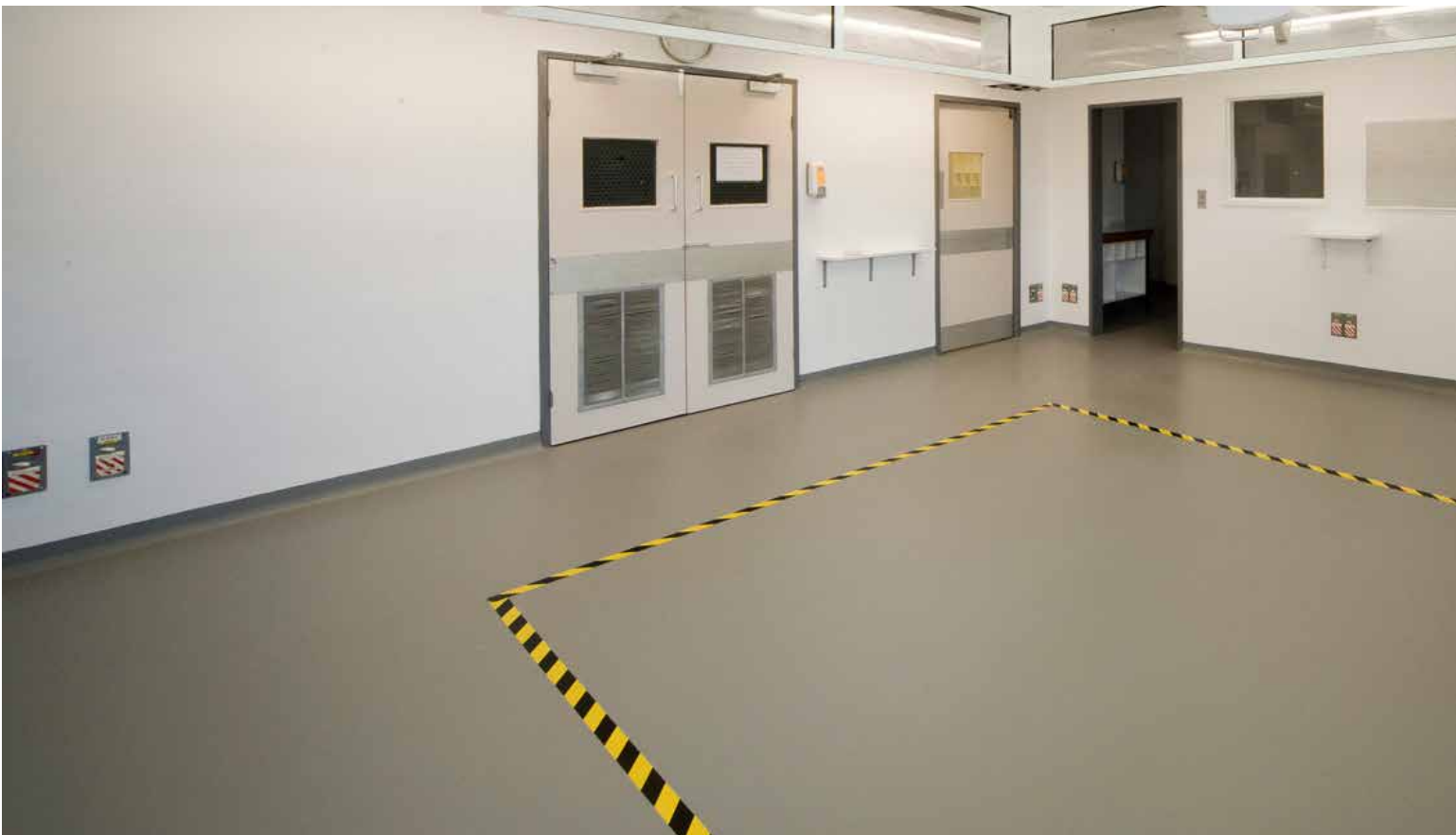
After successfully completing the trial application of its groundbreaking Sika ComfortFloor® system to a newly-refurbished single room and ensuite shower room, Sika was awarded with the replacement of the floor in one of York Hospital operating theatres.

PROJECT REQUIREMENTS AND SIKA SOLUTIONS

In a modern healthcare environment, hygiene, safety and cost-effectiveness are key requirements when specifying flooring products, materials and systems. When York Hospital required a new floor for one of its operating theatres, Sika ComfortFloor® PS-65 - the seamless, liquid applied flooring system fitted the bill perfectly. Following the previously successful application of a standard Sika ComfortFloor® system to a refurbished single room and en-suite shower room, Sika was once again specified to replace ageing terrazzo flooring in Operating Theatre 3. With its fast and simple application, Sika ComfortFloor® PS-65 proved the ideal solution. Providing a seamless flooring surface, even where it joins with traditional vinyl flooring, it can be easily cleaned and maintained to provide outstanding long term performance.

Where exceptional cleanliness is a prerequisite, the system was also applied with minimal disruption and simply laid over the original terrazzo floor. This prevented noise and dust creation due to disposals, as well as the operating theatre being out of use for longer than absolutely necessary.

The application began with a layer of Sikafloor® Comfort Adhesive. This was followed with Sikafloor® Comfort Regupol 6015H, a prefabricated rubber shockpad offering high levels of shock and sound absorption - making it ideal for use in hospitals and other healthcare buildings. Sikafloor® Comfort Porefiller was then applied to seal and level the surface. A layer of Sikafloor® 330, the two part solvent free, self-smoothing PUR resin was then applied to the floor to provide a base coat followed by a sealer layer of Sikafloor® 305 W, a very low VOC polyurethane pigmented topcoat fulfilling the most stringent international demands on clean indoor air. This provided a total system thickness of approximately 6-8 mm, with the entire floor completed seamlessly, including liquid-applied coving in place of traditional skirting. In adjoining wet rooms, the seamless application was continued, with the simple addition of quartz to provide improved slip-resistance in the potentially



wet environment. This maintains the attractive, seamless finish and prevents the need for traditional and visually unappealing anti-slip treads that would also require a separate application. The system is equally suitable for new build and refurbishments.

It can be subjected to foot traffic in just 16–24 hours, with a full curing time of 48–72 hours, making it ideal for busy working environments such as hospitals where room closures must be prevented wherever possible. At the end of its life, the system can also be restored to its very best with a simple reapplication of the top coat. Combining stunning aesthetics with high performance, Sika ComfortFloor® PS-65 has excellent noise-cancelling properties of 19 dB. With its chemical composition and texture absorbent impact, its excellent acoustic insulation prevents transmission of sound for both footfall and impact. With the installation complete and the room now operational, the Sika ComfortFloor® PS-65 system will ensure that the floor remains completely seamless, prevents trip hazards, offers easy maintenance and outperforms traditional vinyl flooring for many years to come.





PROJECT PARTICIPANTS

Client: York Hospital Estates
 Specialist Applicator: IRL Group
 Sika Organization: Sika Limited

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



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