

## Project Profile - Civil Engineering & Infrastructure



### PROJECT

Royal Doulton Potteries,  
Stoke-on-Trent, Staffordshire

### SUMMARY

1,000m<sup>2</sup> of abrasion resistant flooring  
in area subject to steel wheeled  
trolleys

### PRODUCTS

**Cemprotec EF Primer**  
**Cemprotec E-Floor**

### CLIENT

Royal Doulton

### BACKGROUND ►

Most of the floors in this 1960's factory are precast concrete or mass concrete slabs with construction joints and drainage channels dividing many workshop areas.

Royal Doulton, the world famous creators of art and domestic china, required a coating which could withstand rigorous cleaning regimes three times a day and extensive exposure to heavy steel-wheeled trolleys. The existing coating only had a lifespan of 4-6 weeks under such intense conditions.

### THE SOLUTION ►

Flexcrete's solution was to propose an epoxy and cementitious polymer coating, **Cemprotec E-Floor**, which was applied after the top 3mm of friable surface had been removed. Primed with **Cemprotec EF Primer**, the surface received a 2mm layer of **E-Floor** to impart high resistance to both impact and abrasion. It is unaffected by many common chemicals and is totally waterproof. After an initial eight week testing period, **E-Floor** was then used to refurbish all production and manufacturing areas, helping Royal Doulton to bring their facilities up to the highest modern standards.



FM 41091  
EMS 597350  
OHS 597351

Quality  
Environmental  
Health & Safety

**Flexcrete Technologies Limited**  
Tomlinson Road • Leyland  
Lancashire • United Kingdom  
PR25 2DY

**Tel:** +44 (0) 845 260 7005 • **Fax:** +44 (0) 845 260 7006  
**Email:** [web@flexcrete.com](mailto:web@flexcrete.com) • **Web:** [www.flexcrete.com](http://www.flexcrete.com)

