

## Project Profile - Utilities



### PROJECT

**Drumchapel Shopping Centre,  
Glasgow**

### SUMMARY

Slip resistant finish to concrete ramps  
suffering from freeze thaw attack

### PRODUCTS

**Fastfill**  
**Monolevel 844SP**  
**Cemprotec E942**  
**Cemprotec Sandseal 75**

### CLIENT

P & O Properties

### BACKGROUND ►

To maintain safe access to this retail complex in Glasgow, it had become necessary to reinstate the surfaces of the concrete ramps which had been attacked by freeze/thaw cycles during exposure to the harsh winters.

This presented a hazard for wheelchairs and pedestrians alike, and a repair system with slip resistant properties and fast-setting capability was needed.

### THE SOLUTION ►

The surface was initially ground down and cleaned before **Fastfill** - an advanced rapid set Portland cement based mortar - was applied. **Fastfill** was ideal for this project as the ramps were only available for a limited period of time. The next stage involved filling minor defects with **Monolevel 844SP** before a 2mm topping of **Cemprotec E942** was applied to give a hard, durable surface with effective multi-functional protection. Quartz aggregate was cast into the surface to create a skid inhibiting, abrasion resistant finish – this was locked in place with **Cemprotec Sandseal 75**, a clear non-yellowing urethane sealer with easy clean properties.



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)

