

## Project Profile - Civil Engineering & Infrastructure



### PROJECT

Q-Park at Stockmann Department Store, Helsinki

### SUMMARY

Waterproof, high strength friction wearing course for car park decking

### PRODUCTS

Cemprotec E-Floor Grey and Special Black Colour

### CLIENT

Q-Park Finland

### CONTRACTOR

Tmi Mikko Salmelainen

### BACKGROUND ►

Q-Park stands for quality in parking with smart, safe and convenient facilities which are noted for stylish interior design. Q-Park designate individual parking bays with a distinctive black box which contrasts with a lighter surround to make it easy to park correctly.

At the Stockmann department store in central Helsinki, a decking system was needed to fully protect the structure from mechanical damage caused by studded tyres and the corrosive influence on embedded steel reinforcement caused by deposits of de-icing salts from vehicles.

### THE SOLUTION ►

**Cemprotec E-Floor** matched all the project requirements, including colour coding of the parking bays. **E-Floor** is applied on to concrete without waiting for a 28 day cure period and the final slip resistant finish is produced with coloured aggregate cast into the surface. **E-Floor** is fully waterproof, it stops the ingress of chlorides and its high strength finish resists damage from tyres with metal studs. **E-Floor** is CE Marked to EN 1504-2 which includes fire testing to the demanding Euroclass fire rating in which the top result of A2<sub>FL</sub>-s1 is achieved.



FM 41091  
EMS 597350  
OHS 597351

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