

Project Profile - Buildings & Commercial Construction



PROJECT

Highland House, Perth

SUMMARY

Repair and protection of concrete elements on a commercial property

PRODUCTS

Steel Reinforcement Protector 841
Monomix
Monolite
Monolevel FC
Bond-Prime
Monodex Smooth

CLIENT

Saltire Property Management Ltd for
Hansteen Property Investments Ltd

CONTRACTOR

Concrete Repairs Limited

BACKGROUND ►

Highland House is a striking art deco style commercial property in the centre of Perth.

The external envelope of the building was in dire need of repair and refurbishment, with concrete elements showing large areas of spalling caused by carbonation and water ingress. In order to bring the building up to modern standards and improve letting returns, Property Surveyors James Barr required a repair system that was capable of providing reinstatement and long-term protection of the reinforced concrete.

THE SOLUTION ►

The Flexcrete high performance concrete repair and protection system was specified as it provided a single source solution, with full CE Marking to EN 1504. After treating the reinforcing steel, high build cosmetic repairs were easily produced with **Monolite**, a high yield mortar, whilst structural repairs were undertaken with **Monomix**. In both cases, application is to saturated concrete without a primer. Once the reinstatement work was complete, the façade was decorated and protected with **Monodex Smooth**, a flexible high build water based anti-carbonation coating with a 15 year life.



FM 41091
EMS 597350
OHS 597351

Quality
Environmental
Health & Safety

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