

Project Profile - Buildings & Commercial Construction



PROJECT

Monsall Flats, Manchester

SUMMARY

Internal and External Refurbishment of Public Housing Stock

PRODUCTS

Steel Reinforcement Protector 841
Monomix
Monolevel 844SP
Bond-Prime
Monodex Ultra

CLIENT

Northwards Housing
North Manchester's Council Homes

CONTRACTOR

Gunite (Eastern) Ltd on behalf of
Wates Construction

BACKGROUND ►

Building on the success of the five year Decent Homes Programme in which 99.6% of the public housing stock was renovated, Northwards Housing required a single source specification for concrete repair and protection works on three residential blocks.

The 13 storey blocks at Sanderson Court, Hayden Court and Sheridan Court were showing signs of deterioration which was evident on the concrete balconies and ring beams, with spalled concrete exposing steel reinforcement resulting from carbonation and a high chloride content.

THE SOLUTION ►

The surveyor's recommendation favoured a fully CE marked system in compliance with BS EN 1504 from Flexcrete. After cleaning back to bright metal, **Steel Reinforcement Protector 841** was used. All minor surface defects were filled with **Monolevel 844SP** which was also used to produce a fair-faced finish to balcony soffits. Larger voids were repaired with **Monomix**, as it is easily built up to 80mm in a single layer. To provide at least ten years' anti-carbonation protection, the flats were treated with the decorative **Bond-Prime** and **Monodex Ultra** system.



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 • **Web:** www.flexcrete.com

