

Project Profile - Utilities

PROJECT

Gunters Reservoir, Saffron Walden

SUMMARY

Repair and protection of 2,000m² concrete surface suffering from soft water attack

PRODUCTS

Monolevel 844SP
Cementitious Coating 851

CLIENT

Three Valleys Water plc

CONTRACTOR

Stonbury Limited

BACKGROUND ►

Serving 3 million customers in the heart of Britain, Three Valleys Water has been supplying water for more than 130 years and is committed to delivering a high quality water service to all its customers.

Aggregate in the cement matrix was exposed on the surface of the square concrete columns and bases as a result of contact with softened water over the years.

THE SOLUTION ►

The preparation of the walls, floor, columns and bases had resulted in many surface defects and cavities and these were filled and the substrate consolidated by using **Monolevel 844SP**, an engineering quality render, resulting in a superb mechanical key for **Cementitious Coating 851** as the final waterproofing layer. **851** was spray applied to both the walls and floor area, providing effective concrete cover as well as chemical resistance to softened water. All these products have passed the exacting demands to gain approval by the Secretary of State for use in contact with potable water.



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

