

Project Profile - Utilities



PROJECT

Service Reservoir roofs, Scottish Water, Highland Region

SUMMARY

Repair and waterproofing of 4,000m² of concrete service reservoir concrete roofs

PRODUCTS

Monolevel 844SP
Monomix
Polymer Admixture 850
Cemprotec Scrim
Cemprotec Elastic

CLIENT

HAGAM (Highland Above Ground Asset Maintenance)

CONTRACTOR

Black Isle Civil Engineering

BACKGROUND ►

As the fourth largest supplier of water and waste water services in the UK, Scottish Water is familiar with the challenges of maintaining various retaining structures.

In the quest to source an innovative range of products to arrest the deterioration of a large number of reservoir roofs, an approved system from Flexcrete was specified.

THE SOLUTION ►

Initially, concrete repairs were completed with **Monomix**, an easy to use, high build hand applied mortar, whilst preparation of the surrounding surfaces was achieved with **Monolevel 844SP** – both materials having DWI approval. Following this, for the external sealing of the roof surfaces, **Cemprotec Elastic** was chosen – a polymer rich cementitious coating with class-leading elastomeric properties and rapid curing characteristics. In conjunction with **Cemprotec Scrim**, **Cemprotec Elastic** can be used over crazed or jointed surfaces, and, in this instance, a green grit was broadcast into the surface to allow the structure to blend into the countryside, and provide a non-slip finish for foot traffic.



FM 41091
EMS 597350
OHS 597351

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