

Project Profile - Utilities

PROJECT

Nidd Aqueduct, North Yorkshire

SUMMARY

Repair and waterproofing of aqueduct suffering from erosion and moorland water attack

PRODUCTS

Monomix

CLIENT

Yorkshire Water

CONTRACTOR

Stonbury Limited

BACKGROUND ►

Built in the late 1890s the Nidd Aqueduct carries more than 120 million litres of water each day across the Yorkshire Dales.

A century's exposure to heavy flows of acidic moorland water had resulted in severe erosion of the concrete resulting in leakage.

THE SOLUTION ►

One of the prime considerations was the speed of the repair owing to the importance of the water supply to the local grid. As a consequence of this, **Monomix** was chosen as the repair compound, a medium density hand applied mortar with excellent high build properties even in overhead situations. A shrinkage compensated formulation, **Monomix** is applied in single application thicknesses of up to 80mm and is very easy to finish by float to a polymer rich surface. Being so easy to use, **Monomix** enabled the work to be completed during a three day period after which the aqueduct was back in operation. In addition to its extremely fast curing properties, **Monomix** offers exceptional durability to the highly acidic water, providing a cost effective and long term solution for Yorkshire Water.



FM 41091
EMS 597350
OHS 597351

Quality
Environmental
Health & Safety

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