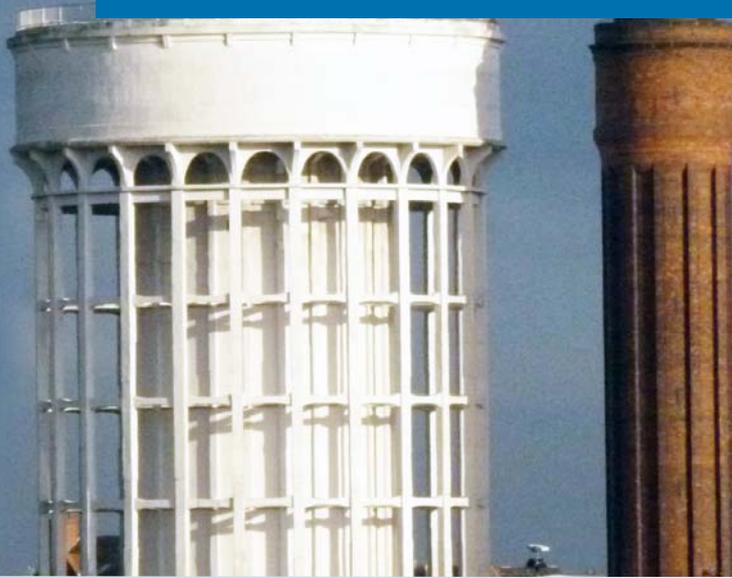


Project Profile - Utilities



PROJECT

Goole Water Tower, Yorkshire

SUMMARY

Concrete repairs throughout the structure

PRODUCTS

Monomix

CLIENT

Yorkshire Water

CONTRACTOR

Stonbury

BACKGROUND ►

Goole Water Tower is an iconic 165ft landmark which dates back to 1926 and is known locally as the 'Salt Pot.' When first constructed, it held the title of the largest tower of its kind anywhere in Europe and was deemed an incredible feat of engineering. Now, it is a Grade II listed structure with a capacity of 3.4 million litres of high quality drinking water, supplying the Goole area.

The 'Salt Pot' stands adjacent to the 'Pepper Pot' Tower which is now disused; together, they have become widely recognised symbols of Goole. Essential maintenance was required to the 'Salt Pot' to ensure the structure's longevity and repair any cracked or spalled areas of concrete. If works were not carried out, it is anticipated that the Tower would have deteriorated significantly in 20-30 years' time.

THE SOLUTION ►

Flexcrete's Monomix cementitious repair mortar was chosen for this prestigious project on the basis of its Regulation 31 Approval by the Drinking Water Inspectorate (DWI) for use in contact with potable water. It has an outstanding track record of use on water installations worldwide and has CE Mark accreditation to EN 1504-3 standards for concrete repair. Monomix is BBA certified, it is a Class R3, high strength, high build mortar which can be applied up to 80mm thickness in a single layer in vertical, horizontal and overhead positions. It is non-toxic, requires no primer and rapidly cures to provide excellent waterproof protection from the ingress of acid gases, moisture and chlorides. Some 6 tonnes of Monomix were used to reinstate structural integrity and help preserve the Water Tower for many years to come.



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