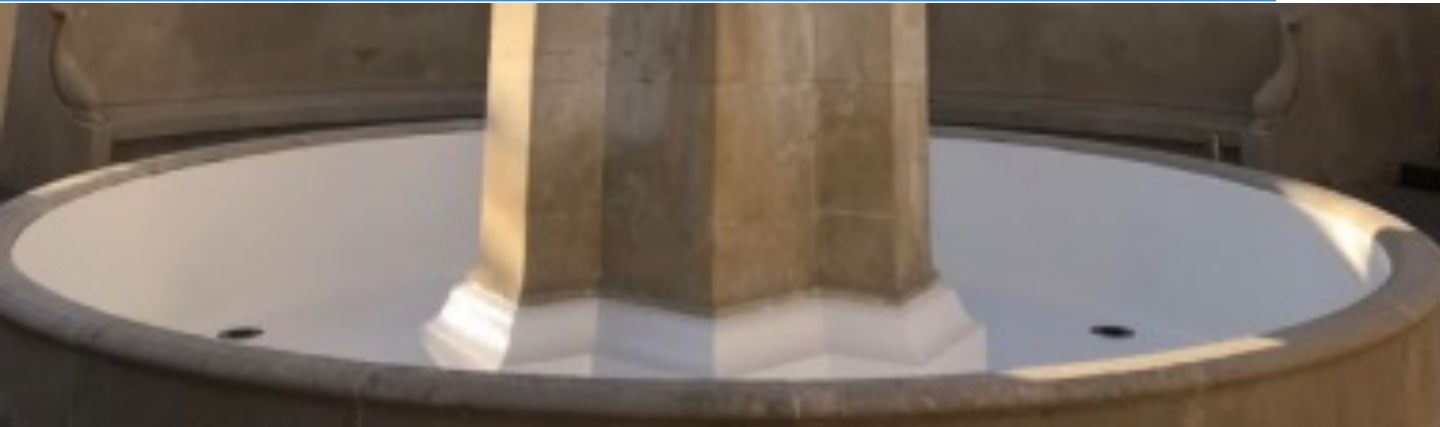


Fibreglass Water Feature Re-Lining



Summary of Work

Abbey Masonry & Restoration requested to Strandek® to refurbish a water feature as part of a Grade 1 listed monument. The aim was to provide:

- Impact protection: occasional impact from generate maintenance and cleaning methods
- Waterproofing: the ability to contain water for extended periods – decades – and remain impermeable
- UV-resistance: the feature is outside, so the ability to retain its performance and aesthetics when exposed to solar rays is critical
- Aesthetics: a white, seamless surface to compliment the main monument structure

See more: <https://www.strandek.co.uk/services/industrial-lining-coating/water-feature-pond-lining/>

Benefits



Rapid Cure

Partial cures achieved within 1 hour



Waterproof

Fibreglass offers a long-term, highly durable waterproof coating for concrete surfaces.



Professional Installation

Built GRP Fibreglass Systems require approved installers with an excellent track record.



Strong Adhesion

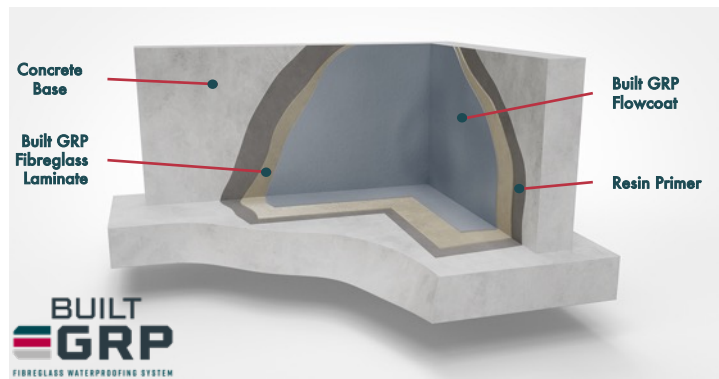
Bonds very strongly to concrete and is enhanced by a resin primer



Impact & Abrasion Resistant

High strength-to-weight ratio with excellent abrasion resistance

System Design



MATERIALS		SPECIFICATION
PRIMER		0.5 kg/m ²
FIBREGlass LAMINATE	POLYESTER RESIN	1.5 – 1.7 kg/m ²
	GLASS FIBRE MATTING	1 x 600 gram CSM
FLOWCOAT		0.5 kg/m ²

Fibreglass Water Feature Lining



CONTAMINATED SURFACE

1/4 Since this was an existing water feature, some additional refurbishment was required prior to laminating.



POWER WASHING OF
CONTAMINATED SURFACE

2/4 Excess dirt and grease were removed via an abrasive method. The surface was then cleaned and dried.



APPLICATION OF A PRIMER FOLLOWED BY GLASS FIBRE
(GRP) LAMINATE

3/4 Glass fibre matting was applied to the concrete and saturated in catalysed polyester resin.



TOPCOAT APPLICATION

4/4 A white resin topcoat (flowcoat) was then applied to the laminate to complete the refurbishment.

Fibreglass Water Feature Lining



Upon completion the water feature was successfully re-opened to the public in its newly refurbished state as part of a ceremony.

See more about Built GRP Fibreglass:
<https://builtgrp.com/built-grp-fibreglass-systems/>

Performance

"I wish to take this opportunity to express my sincere gratitude for the excellent work you have undertaken on Abbey Masonry's behalf on the restoration of the Welsh National War Memorial in Cardiff. I am especially grateful to you for the way you coordinated your works with ours, which was highly beneficial to the successful conclusion of this wonderful project."

Anthony Kleinberg Managing Director Abbey Masonry & Restoration Ltd.

About Strandek

Established in 1976, Strandek specialise in a range of waterproofing solutions. Working with a range of customers, they offer exceptional performance and a high-quality of workmanship.

Our Accreditations



Want to see more?

Search for 'Strandek GRP Systems' on



Contact us

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