

# Fibreglass Water Feature 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:

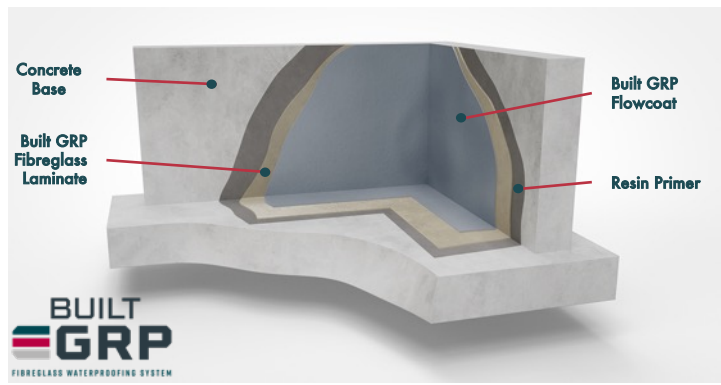
- Impact protection: occasional impact from generate maintenance and cleaning methods
- Waterproofing: the ability to contain water for extended periods – decades – and remain impermeable
- UV-resistance: the feature is outside, so the ability to retain its performance and aesthetics when exposed to 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/>

## 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 <sup>2</sup>
FIBREGLOSS LAMINATE	POLYESTER RESIN	1.5 – 1.7 kg/m <sup>2</sup>
	GLASS FIBRE MATTING	1 x 600 gram CSM
FLOWCOAT		0.5 kg/m <sup>2</sup>

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**1/6** Surfaces of the feature were smooth cement screed with any small projections removed to enable the best finish possible.



**2/6** Moisture-curing resin primer was applied in a thin layer to act as a barrier to external contaminants and improve laminate adhesion.



**3/6** Glass fibre matting was applied to the concrete and saturated in catalysed polyester resin using a polyester roller.



**4/6** The laminate was then consolidated using a paddle roller to ensure good adhesion to the concrete base and a uniform finish.

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**BUILT GRP**  
FIBREGLASS WATERPROOFING SYSTEM



**6/6** The main concrete structure of the water feature was then repositioned. It was then filled with water and the system was fully operational.

**5/6** An oyster white resin flowcoat (topcoat) was then applied to the fibreglass laminate.

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

## Performance

Fibreglass is an incredible form of waterproofing for many applications. When installed correctly, it has multi-decade performance, which is why customers choose Built GRP.

Steve Bowen®, Managing Director, Strandek GRP Systems

## 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



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