

## Project Profile - Buildings & Commercial Construction



### PROJECT

**Culzean Castle, Maybole, South Ayrshire**

### SUMMARY

Repair and waterproofing of ornamental fountain for the National Trust

### PRODUCTS

**Monolite**  
**Monolevel 844SP**  
**Cementitious Coating 851**

### CLIENT

The National Trust for Scotland

### BACKGROUND ▶

**Culzean Castle, one of Robert Adam's finest creations, is a major attraction on the Ayrshire coast in Scotland.**

Maintained by The National Trust for Scotland, the fine gardens include an ornamental stone fountain set in a concrete basin. Repairs were needed urgently to prevent water loss due to deterioration and crack formation.

### THE SOLUTION ▶

After considering the options, The National Trust for Scotland chose to use a suite of compatible cementitious products from Flexcrete. Repairs to the perimeter wall were carried out with **Monolite**, a lightweight, high build, hand-placed repair mortar as well as **Monolevel 844SP** - an engineering quality fairing coat which easily fills all the surface defects and cavities. Finally, in order to fully waterproof the entire structure, **Cementitious Coating 851** - an advanced coating with excellent waterproofing properties was applied to the base slab and walls. This product offers a high level of protection against the effects of freeze-thaw cycles. In areas where the concrete was cracked, a glass fibre scrim was added to reinforce the coating.



FM 41091  
EMS 597350  
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Quality  
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