



# Coastal Defence and Flood Protection

**Balvac**  
Balfour Beatty



## Our strengths:

- Over 80 years of specialist knowledge in structural repair and strengthening
- Highly experienced, professional and qualified engineering staff
- Providing bespoke innovative solutions
- Over 30 qualified and skilled operatives
- Track record of specialist repairs to coastal and inland flood defences
- Nationwide coverage

# Coastal defence and flood protection infrastructure is vital in protecting communities, business and transport infrastructure against the ever increasing risk of flooding.

Many flood defences in the country are in need of improvement, repair and maintenance to ensure they continue to provide the required protection.

## Our expertise

We undertake all specialist works associated with the repair, strengthening, stabilisation and preservation of flood protection and coastal defences.

## Our key capabilities include:

- Increasing the height of existing flood defences
- Construction of new flood defences – earthworks, reinforced concrete works and sheet piles
- Concrete repairs and protection to existing flood defences
- Spray concrete repairs to existing flood defences
- Structural strengthening
- Stabilisation and void grouting
- Waterproofing
- Cathodic protection of steel flood defences



Spray concrete repairs to revetments at Grimsby

## Delivery

We provide bespoke technically innovative ideas to produce cost effective solutions. This, combined with our in-house management and delivery of works by our skilled workforce, ensures high quality repairs and minimal disruption.

## Supply Chain

- To support our in-house team we have long standing relationships with supply chain partners to deliver:
- Specialist flood defence systems
- Hydraulic structural design of flood defences
- Feasibility studies for new and existing defences

## Accreditations

- ISO 9001, ISO 14001 and BS OHSAS 18001
- Achilles UVDB – 061593
- Constructionline – 24407
- CHAS

## Memberships

- Concrete Repair Association
- Spray Concrete Association
- Corrosion Prevention Association
- CARES

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