

Seascale, Sea Wall Repairs



The existing sea wall was beginning to show signs of wear, and required a new concrete face.



The first lift of concrete was fastened to the foundation and the existing wall. Steel mesh and L-bars ensured a permanent hold.



The top lift was attached to the bottom and the existing wall.



The finished length of wall with the rock armour in place.

Client: Cumbria County Council	Value: £50,000
Location: Seascale	Duration: 6 Weeks

Project information

The aim of this project was to extend the existing sea wall. The wall had various defects including cracks and spalling of the concrete.

The new concrete face was required to be tied into the old. This meant inserting L-bars into the old concrete, and extending the drainage weepholes through.

The wall had a step, so it had to be cast in two lifts. The lower shutters were fastened to the toe of the wall, and braced through the shutter to stop them moving when the concrete was poured. The top shutters were fastened to the new concrete, and braced along the top.

When the base of the wall was excavated, it was discovered there was no 'toe' to the wall. This meant a new foundation needed to be poured. This was a compensation event which was agreed with the client. This was dealt with swiftly by both parties and had a minimal impact on the programme.

The finished wall was rubbed up to remove any final imperfections, and then the boulders which were spread across the beach were gathered up and placed as rock armour as extra protection.

Ultimately the contract was completed comfortably within the programmed timescale.