

CASE STUDY

Coatham Seafront Regeneration Project: Utilising Larsen Products

resapol®

PROJECT OUTLINE

The project involved the development of various amenities, including a play park, an adventure golf course, a central plaza public space, a coastal activity hub, public toilets, food/drink plots and visitor parking.

Resapol Stockton depot provided the urban landscaping materials for the project, with Larsen Building Products offering a complete product system, quick quotation turn around and additional site support.

THE SOLUTION

The Larsen range of products were primarily chosen because they meet the performance characteristics outlined in BS 7533. One of the key advantages involves their rapid setting and curing time; Larsen Streetscape FBC and Priming Slurry allow for vehicle traffic after just 24 hours and foot traffic in as little as 12 hours. This ensured that the newly installed paved areas could be opened quickly for public use.

Larsen Jointing Mortar is supplied in a range of attractive colours and the Natural version was selected as it worked to enhance the overall aesthetics of the project.

PROJECT DETAILS

Project Name: Coatham Seafront
Regeneration Project:
Utilising Larsen Products
Location: Redcar, North Yorkshire
Start Date: September 2023
End Date: Ongoing
Contractor: Seymour Civil Engineering

Product Requirements

- Allow quick return to service
- Meet performance characteristic
- An attractive finish

Product Solution

- Rapid set and curing time
- Meets the performance characteristics outlined in BS 7533
- Available in a range of aesthetically pleasing colour options



RAPID SET AND
CURING TIME



MEETS BS 7533



RANGE OF
COLOURS

FULL CASE STUDY

This case study explores the Coatham Seafront Regeneration project in Redcar, North Yorkshire, undertaken by Seymour Civil Engineering on behalf of Redcar & Cleveland Borough Council, which started in September 2022. The project involved the development of various amenities, including a play park, an adventure golf course, a central plaza public space, a coastal activity hub, public toilets, food/drink plots and visitor parking. Resapol Stockton depot provided the urban landscaping materials for the project, with Larsen Building Products offering a complete product system, quick quotation turn around and additional site support.

Coatham Seafront, a prominent area in Redcar, was selected for a regeneration initiative aimed at revitalizing the seafront and enhancing public amenities. Seymour Civil Engineering secured the contract to carry out the works with phase one of the project involving the construction of a high-quality play park and an 18-hole adventure golf course. Samantha Oliver, Branch Manager at Resapol Stockton, was contacted by Seymour Civil Engineering in order to recommend and supply the necessary materials for the urban landscaping portion of the project. Larsen's paving products were selected as an ideal choice, as many of their diverse range of products & systems effectively met the demands of the project.

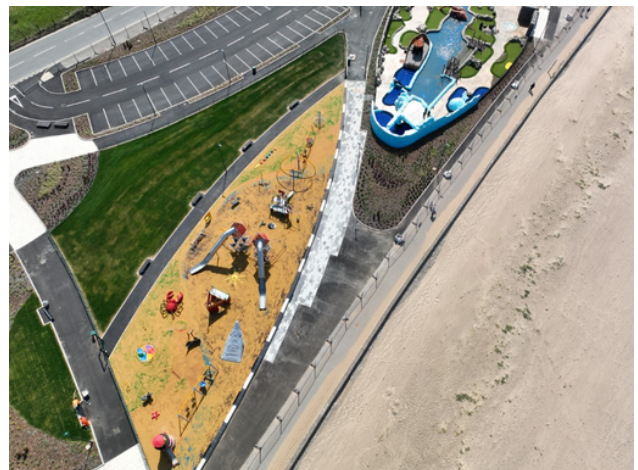
The complete range of materials supplied by Resapol Stockton for the initial phase of the project included:

- Larsen Streetscape FBC
- Larsen Streetscape Priming Slurry
- Larsen Flowable Jointing Mortar



These materials were primarily chosen because they meet the performance characteristics outlined in BS 7533. One of the key advantages involves their rapid setting and curing time; Larsen Streetscape FBC and Priming Slurry allow for vehicle traffic after just 24 hours and foot traffic in as little as 12 hours.

This ensured that the newly installed paved areas could be opened quickly for public use. Larsen Jointing Mortar is supplied in a range of attractive colours and the Natural version was selected as it worked to enhance the overall aesthetics of the project.



Larsen Building Products played an important role in supporting the work being carried out during phase one, offering site visits for training and demonstrations, ensuring that the contractors had the necessary knowledge and expertise to use the materials effectively.

Phase 2 of the Coatham Seafront Regeneration project commenced on March 22nd 2023 and is currently ongoing, with the expected final completion date set for November 1st 2023. Seymour, with the support of Resapol Stockton, are progressing towards transforming Coatham Seafront into a vibrant and inviting public space!

PRODUCTS IN FOCUS



STREETSCAPE FBC

A FINE BEDDING CONCRETE DESIGNED TO MEET THE CHARACTERISTICS OF BS 7533

- A high quality bedding layer
- >40MPa compressive strength
- 10 – 75mm bed depth in one pass
- Low shrinkage & frost resistant
- Vehicle traffic after 24 hours
- Conforms to BS 7533

STREETSCAPE PS PRIMER

**A POLYMER MODIFIED CEMENT BASED SLURRY
DESIGNED TO MEET THE CHARACTERISTICS OF BS 7533**

- A high quality priming slurry
- Improves bond strengths of substrates to Streetscape FBC
- Brush applied
- Conforms to BS 7533



STREETSCAPE FJM

**A FAST SETTING FLOWING JOINTING MORTAR
DESIGNED TO MEET THE CHARACTERISTICS OF BS 7533**

- A high quality grouting mortar
- >40MPa compressive strength
- 5 – 50mm joint widths
- Up to 200mm joint depths
- Low shrinkage & frost resistant
- Conforms to BS 7533