



Cullercoats Beach Steps, Tynemouth

Case Study

The public access steps down to Cullercoats Beach in Tynemouth had deteriorated due to wear and marine exposure over time. This was giving North Tyneside Council cause for concern over continuing to ensure public safety. Therefore St Astier Specialist Contractors Limited were appointed to undertake repairs, plus an overall refurbishment and upgrading of the steps. Together with their specialist materials supplier **NCC**, they developed the ideal repair and upgrading system.

Firstly the concrete steps were thoroughly cleaned by waterjetting and mechanically, then the damaged areas were broken out. These were repaired to their original line and profile with Sikadur 41, a high strength epoxy repair mortar.

Then to improve safety and slip resistance, Ronacrete's Ronadeck Tacktile preformed, non-slip nosings were mechanically fixed to each step. These high visibility, bright yellow profiles, were also bonded and sealed to prevent any future movement. This was achieved using Sikaflex 11FC, an elastic waterproof adhesive and sealant with permanent elasticity.

All of these materials were readily available and supplied by **NCC** from stock at their Newcastle depot that services the North East of England.

Client:

North Tyneside Council

Specialist Contractor:

St Austier Specialist
Contractors Ltd

Products Used:

Sika Ltd, Ronacrete Ltd

Contact:

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