



## Case Study

### St Andrews Church, Wellington

#### Challenge

The St Andrews Church, located at 30 The Terrace in Wellington, is undergoing an extensive upgrade involving three phases. The first phase (completed in early 2009), involved renovating the external structure and roof.

The roof needed to be replaced; structure strengthened for earthquakes; and concrete repair and treatment undertaken. Structural enhancement was also required on the tower to ensure it was securely attached to the remainder of the building.

The St Andrews Church was originally constructed in 1923. As a category one Historic Places Trust Building, its historic significance commanded due respect in architectural conservation. This building is the only New Zealand example of an English Baroque style church; deeming it a significant Wellington landmark.

#### Solution

It was vital that the finish of the roof was sympathetic to the architectural era during which the building was erected

The pitched roofing solution needed to be assessed by all stakeholders being: the client; the architect (Opus Architecture, Wellington), the Wellington City Council; and the Historic Places Trust. The client and architect visited another building with an Viking EcoStar roof to view the quality of installation and aesthetics.

Both parties were impressed with its authentic appearance and the added advantage over traditional slate in that it's a lightweight roof. As a result Viking EcoStar (Majestic Slate) tiles were included in the specification document. Accordingly on advice from the Historic Places Trust, the Wellington City Council approved the use of Viking EcoStar on the St Andrews Church.

This roof was installed by a licensed Viking Approved Applicator, Paul Hewitson, whose workmanship was successful in doing justice to the building from both waterproofing and aesthetic perspectives.

#### Result

The 550m<sup>2</sup> St Andrews Church re-roof was installed over a 2 month period using Viking EcoStar Majestic Slate tiles in "Midnight Grey". The Viking EcoStar tile provided a watertight solution on the new plywood substrate. The finished look complemented the exterior of this outstanding and important New Zealand historical building.

#### Sustainable design

Are you looking for sustainable solutions for design and finish of your home? It can sometimes be difficult to determine what products are truly environmentally friendly and which aren't. Viking EcoStar synthetic slate and shake tiles are the only roofing tiles on the market made from 80% post-industrial recycled rubber and plastics. The product is also completely recyclable at the end of its usable life.



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