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Kaikoura State Highway Repair, New Zealand

In November 2016 a magnitude 7.8 earthquake struck the South Island of New Zealand.

The greatest impact was around the town of Kaikoura, which was completely cut-off, with significant damage to State Highway 1, the most critical North-South road in New Zealand, and the Coastal Pacific rail line.

Kaikoura relies on the tourism industry for the town's survival, so repair to the road and rail infrastructure was a project of national significance, and the largest repair to the New Zealand road network in over 75 years.

As State Highway 1 and the Coastal Pacific rail line hug the coast for much of the journey around Kaikoura, corrosion of reinforcement was a major concern.

To accelerate the speed of repair, pre-cast concrete blocks were used. To address the durability problems of a coastal environment, the blocks were reinforced with **mateenbar™**, then anchored in place with a combination of **mateendowel™** and **mateenbolt™**.

The use of **mateen™** reinforcement products will ensure maximum longevity for this asset which is so critically important to the people of Kaikoura.

Project: State Highway 1 Repair - Kaikoura
Client: North Canterbury Transport Infrastructure Recovery (NCTIR)
Consultant: NCTIR
Contractor: Various
Location: Kaikoura, South Island, New Zealand



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