

## Cast Polyurethane

**Application:** Safety buffers for conveyor system mounted onto a steel backing plate (under the counter weight system)

**Location:** Newcastle Port  
**Material:** Polyurethane with a UV additive

**Situation:**

Our customer required a new solution that would greatly improve the safety factor and longevity of their safety buffers for the conveyor systems on the T3 wharf terminal.

This project was about producing a high performance product that would not only perform in the harsh corrosive (salt water) and direct sunlight environment but would also need to perform from a safety perspective and greatly reduce shock loads.

**Result:**

We developed and cast a specifically formulated polyurethane safety buffer that delivered protection from the harsh UV and corrosive environment. It was also strong enough to alleviate all safety concerns. The image below shows the cast part.



For more information on any of our products or services, please contact either our Newcastle or Sydney offices on:

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