

Project: Concrete Joint Repair



The Problem

The client was having problems with a very wide movement joint (2.4 – 3.0 inches) between a building and the external concrete hard standing.

This was causing difficulties for fork-lift truck drivers who were having back problems due to the jolting when driving over the uneven surface and they were losing loads off the forks, resulting in delays and damage to goods.

The Solution

The solution to the problem was to reduce the joint to 0.4 inches, and to provide a smooth surface across the joint.

Two 0.4 inch deep slots were cut in the concrete on either side of the wide or uneven surface of the joint. The concrete was chased out at this depth forming a recess 0.4 inch deep. The area was cleaned and primed. A 0.4 inch timber batten was used to form the joint, and the void was filled with **3M Scotchkote Screed RS 820**. The joint was then filled with **3M Scotchkote Elastomer 60 EG 533**.

Based on the success of this work, the client wants to look at carrying out repairs to additional joints in the concrete aprons outside the building.

