

Project Brief

Police National HQ Floor Strengthening



Wellington, NZ
2009



The tenants required a new storage system to be installed, significantly increasing the dead load on some floor areas.

The successful solution called for a combination of Tyfo® 4UC55 and 2UC55 Composite Laminate Strip System.

Strengthened areas included reinforced concrete beams and spans of Diamond HiBond flooring system which were retrofitted unobtrusively, after first conducting pull-off testing to confirm the bond strength of the Tyfo® S Epoxy to the galvanized surface.

It was an important benefit of the Tyfo® system that it wouldn't require additional material to compensate for the loss of the HiBond structural integrity. The Tyfo® 2UC55 Strip was installed directly onto the existing HiBond without any cutting or compromise of the HiBond.