

Project Brief

Trinity Hotel

Column & Floor Strengthening



Wellington NZ
2003



During alterations, penetrations were cut into the existing floor diaphragm. The slab around these penetrations was strengthened with strips of Tyfo® SCH 41 to the underside of the slab. The strips of fabric allowed easy lapping with perpendicular strips and less development length required relative to Pultruded strip (due to the extra width).



The seismic upgrade to the columns involved the installation of vertical steel bars. The flexural loads were developed by passing steel through the floor slabs and welding it back onto the new column steel. The steel on the columns was then confined by wrapping with Tyfo® SCH 41.

