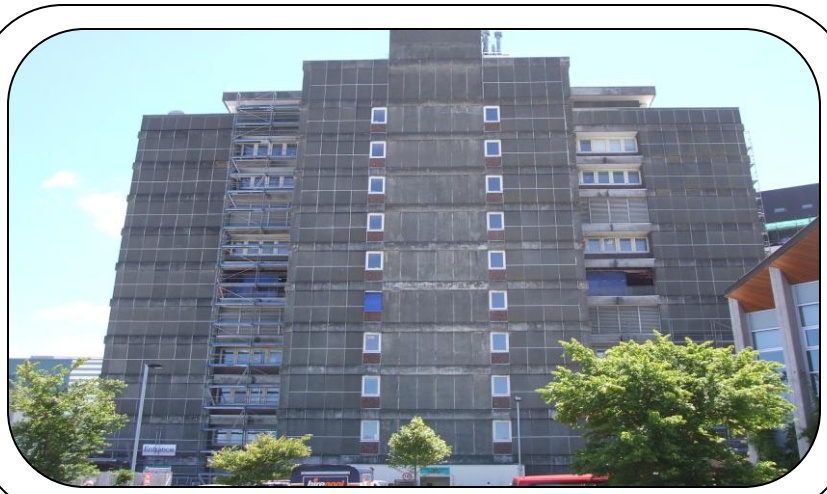
FYFE Co. LLC
Tyfo® Fibrwrap® Systems

Project Brief

Clinical Services Block Building

Seismic Upgrade

Wellington, NZ
2010



The building's shear walls required a seismic upgrade and local strengthening to holes cut for new penetrations.

FYFE Tyfo® Fibrwrap® SCH-41 was applied to the areas of wall requiring strengthening. A combination of Tyfo® 5UC55 composite strips and bands of Tyfo® SCH-41 were installed around openings. The fabric strips allowed the strengthening detail to transition from wall to floor.

FYFE Tyfo® Fibrwrap® SCH-41 was preferred over the jointly-specified competitor's product. Factors in this decision were; the Tyfo® SCH-41 System outperformed the other with superior laminate stiffness (ExA), it is more widely accepted and has gone through more durability testing. The current ICC ES ESR#2103 shows our compliance with the 2006 International Building Code (IBC).

The Tyfo® Fibrwrap® Systems are the only ones in the industry that have system compatible coatings that can provide a UL fire rated assembly (up to 4-hours as per ASTM E-119) if needed.

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