

Project Brief

Clinical Services Block Building Seismic Upgrade



Wellington, NZ
2010



The buildings 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 competitors product. Factors in this decision were; the Tyfo® SCH 41 system out performed the other with superior laminate stiffness (ExA), it is more widely accepted and has gone through more durability testing. The current ICC EC 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.

