

Project Brief

Corona Del Mar

Column Strengthening



Orange County, CA
2009



A residential home in Corona Del Mar located on a hillside was experiencing some cracks and spalled concrete on certain columns.

Fibrwrap Construction saw-cut and patched the unsound concrete with a cement mortar, and pressure injected existing cracks. The glass-based Tyfo® SEH-51A System was then used to wrap the columns to provide the required shear confinement.

Scaffolding was used in order to gain access the full height of the columns and provide full confinement. The columns were then finished with Tyfo® RR, providing a Class 1 Flame and Smoke Rating, and painted to match the entire structure.

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