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Shear Strengthening of LAU (Lebanese American University), Beirut - Lebanon.

Extension works were carried out to the Beirut branch of the Lebanese American University and it was discovered that a number of columns were not compliant with the seismic code and standards.

Fibrwrap Lebanon developed a technical proposal for shear strengthening of the columns with the application of Tyfo Fibrwrap Glass FRP systems. After tests (scan of columns) a design was carried out as per ACI 440 2R-08. The main problem was that the spacing of stirrups was not according to the original design.

The full scope of works was executed in only one week to the complete satisfaction of the client with the minimum disruption to the project's time frame.

Project: Shear Strengthening of LAU (Lebanese American University)

Location: Beirut - Lebanon

Client: LAU

Contract Duration: 1 Week

Scope of Works:

- Shear Strengthening using Tyfo SEH-51A

