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Structural strengthening of High Court Building (Tribunale), L' Aquila, Italy

On the 6th of April 2009 the city of L' Aquila was hit by an earthquake which caused severe damages to the vast majority of the buildings. Fibrwrap Construction Italia was called to provide a structural repair and strengthening solution for the High Court building of L'Aquila that has suffered damages so significant that the top floors were demolished. The Tyfo Fibrwrap Carbon systems were used to repair and strengthen all the beams and the slabs of the two remaining levels of the building. Specifically Tyfo Fibrwrap SCH-41 and SCH-11UP-N with S Epoxy were applied on all the beams of the building and Tyfo Fibrwrap UC carbon strips type L & M on the bottom part of the slabs. Fibrwrap Construction Italia offered a cost and time effective solution to the client by using the Tyfo Fibrwrap systems instead of the FRP systems originally specified for the project.

Project: Structural repair and strengthening of High Court (Tribunale) building, in Italy.

Location: L'Aquila, Italy

Client: GDM Costruzioni SpA

Contract Duration: 10 weeks

Scope of Works:

- Tyfo Fibrwrap SCH-41 and SCH-11UP-N with S Epoxy were applied on all the beams of the building
- Tyfo Fibrwrap UC carbon strips type L & M on the bottom part of the slabs

