



AEGION®

Stronger. Safer. Infrastructure.®



Slab Strengthening

Tyfo® Fibrwrap® systems can be used to increase the structural performance of both reinforced concrete and pre-stressed/post-tensioned slabs. The potential structural uses include the following:

- Positive moment enhancement
- Negative moment enhancement
- Diaphragm shear strengthening
- Punching shear*
- Collectors/drag struts*
- Chords*
- Shear transfer between slab/roof panels*
- Supplement cut steel/openings
- Correction of an existing construction and/or design error*

Given the basic project parameters (specifically the detailed performance goal and the existing capacity of the structural element), Fyfe Company engineers will provide a preliminary composite design and cost estimate, at no obligation.

* These applications involve more complex and/or limited designs. Special detailing and project coordination will typically be involved.

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