

Approval of this bulletin

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Category	Approval by
Technical report	Task group and the chairpersons of the Commission
State-of-the-art report	Commission
Manual/Guide to good practice/Recommendation	Technical council
Model code	General assembly

Any publication that has not met the above requirements will be clearly identified as preliminary draft.

fib Bulletin 81 is published as a technical report and is a collection of contributions to a symposium that was co-sponsored by the *fib* and the American Concrete Institute (ACI). The authors have presented their individual views. Although these contributions have not been discussed in any of the *fib*'s working bodies, the subject matter is highly topical and believed to be of general interest to members of the *fib*.

This bulletin is also published as an ACI Symposium Publication, ACI SP-315.

Cover images: Saw-cuts of inner slab-column connections failed in punching.
Photographs courtesy of A. Herzog, EPFL

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