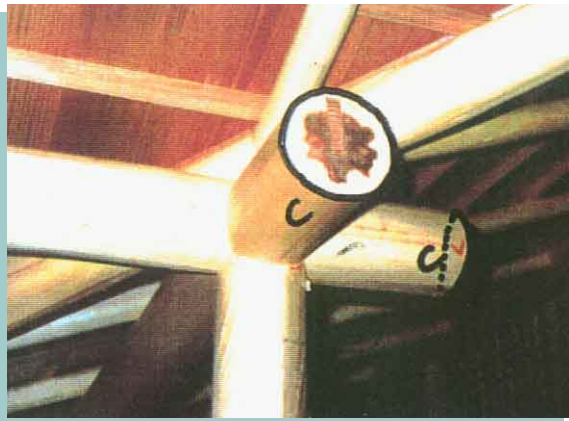


## Others

### Wooden beam (Kitayamasugi) reinforcement

Pre-tensioned CFCC was inserted in timbers to reinforce beams of wooden eaves in tea-ceremony room located in Kyoto city hall. The reinforcement enabled us to widen the spacing between columns, in short reduce the number of columns, thereby getting a beautiful view of the garden from the tea-ceremony room. Typically, timbers are reinforced introducing steel supports, but steel becomes rusty and increases the weight of timbers. CFCC solves such problems because of its lighter weight and higher corrosion resistance.

Client	Kyoto
Location	Kyoto
Dimension	Beam: Length 4.5 m - 5.5 m, $\phi$ 120mm
Material	CFCC 1 x 7 $\phi$ 10.5 About 20 m
Application	Pre-stressing (post-tensioning/resin grouting)
Completed	March 1989



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