

PUSH OUT TEST OF TIMBER CONCRETE COMPOSITE CONSTRUCTION

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In this study, push out test model is proposed to study the behaviour of shear connector in timber concrete composite beam. Since there is no standard method for determining the strength of connectors, pushout specimens, used for steel concrete composite beams are suggested to study the behaviour of connectors in timber concrete composite beams. Four specimens were tested. Two of these specimens were with one connector per side. The other two were with two connectors per side. The load and slip were recorded during testing. The results showed that the suggested dimensions and properties of pushout tests may be considered as a standard test for connectors in timber concrete composite beams.

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