

## 2.1 Fire resistance of fiber concrete composite slab

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### Fire resistance of fiber concrete composite slab

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6.7.2010

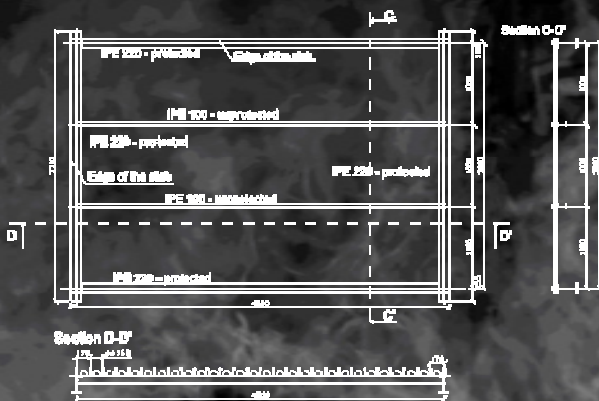
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### CONTENTS

- Modeling of membrane action of floor slabs exposed to fire
  - Composite steel to fibre concrete slab
  - Composite timber to fibre concrete slab

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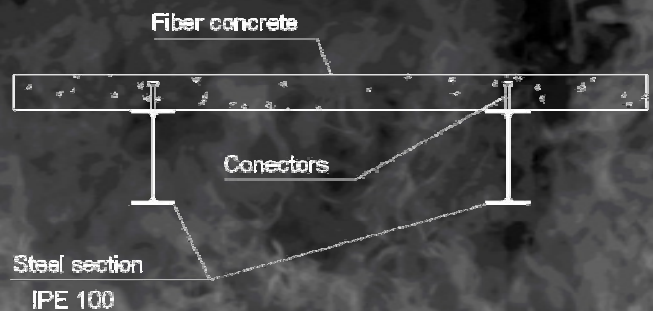
### Test set up



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### Steel to fiber concrete composite slab

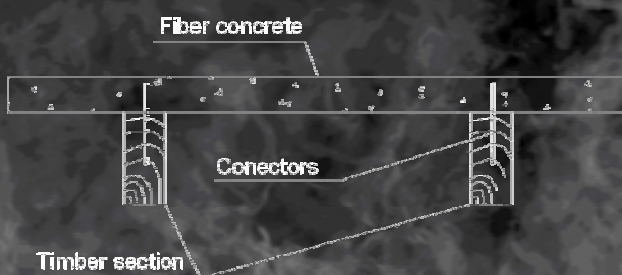
2010 nad 2012



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### Timber to fiber concrete composite slab

2011



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### Preparation of the experiment 2010



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## Project programme

- Tests of the slabs at
  - ambient temperature
  - elevated temperature
- Material tests
- Sensitivity study by FE analyses
- Analytical models

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Thank you for your attention

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