FIB GUIDE TO GOOD PRACTICE
Taskgroup 6.1
Pre-stressed hollow core floors

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Goal:

Update of Recommendation of 1988.

State of the art 2005

Content

1) General

2) Description of hollow core units .
   - 2.1 Product description
   - 2.2 Methods of manufacturing
   - 2.3 Tolerances

3. Design Considerations

3.1 Deformation of hollow core slabs
3.2 Fire resistance
3.3 Large openings
3.4 Sound insulation
3.5 Hollow core slabs subjected to ....
3.6 Vibration and natural frequency

4) Connections

4.1 Ties and struts (diagram action)
4.2 Connections
4.3 Continuity

5) Detailed design

5.1 Transverse distribution of loads effects

5.2 Cross section design
Shear, holcotors, torsion,
Slim floor constructions

5.4 Punching

5.5 In plane actions

6) Special aspects

6.1 Design consideration in connection With manufacturing
6.2 Drainage holes
6.3 Slippage

7) Special applications

7.1 Pipe floors
7.2 Insulated hollow core floors

The following time table is made with the goal to have a fully first complete draft of the recommendations in Naples, June 2006:

15th of December Writers are finished there work and send the information to the controllers

15th of January Writers and controllers will come with a final proposal and send it to Gunnar.

Gunnar will edit the text and the concept total first draft will be send to everybody before mid February.

In the end of February Aad will organize a writers meeting

The first draft will be discussed in Naples June 2005.