

12.6.2008

**Subject: Consolidated queries on candidate harmonised standards (CONSTRUCT 08/818B)**

**COMMENTS from the Head of the Finnish Delegation to SCC**

The list of standards with comments includes EN 12602 'Prefabricated reinforced components of autoclaved aerated concrete'. According to the Commission document Germany and Finland have given objections against the standard.

Unfortunately the Finnish comments are not correct. It is true that there is inconsistency between interpretation of Guidance Paper L CE-marking methods in hENs for structural products e.g. prepared by CEN TC 124, TC 135, TC 177 and TC 229. However, in this respect EN 12602 is most in line on what we expect from hENs for structural products. Of course, also it may need rewriting when the common approach on the interpretation of GP L CE-marking methods has been agreed.

However, Finland has the following technical reservations on EN 12602 based on the information given by Finnish experts:

- In clause 4.4 reference is made to EN 12269-2 which includes a test method for long term bond between reinforcement and AAC. Test according to this published test method are impossible to perform since testing room shall be kept on 50 °C for one year. A new test method is under preparation in CEN TC 177/WG3. It should be used for the CE-marking of these products.
- In clause A.4.1.3.2 calculation equations (A.10) and (A.11) for shear capacity of AAC beams seem to be in some cases on unsafe side. This may cause serious safety problems. Calculations equations shall be improved.

With best regards,

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