CEN TC 217
Progress of negotiations

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Sports floors, sports facilities
CEN: European Committee for Standardisation

Objectives of CEN/TC 217, Surfaces for sports areas, are:

- Revise the existing European Standards inline with the state of the art,
- Develop standards for sports surfaces areas with a special regards to safety requirements, environmental requirements, tests methods, marking and performance requirements,
- Promote further activities in international co-operative standardization,
- Provide for good information of users in relation to safety and health,
- Facilitate the application of standards by all interested parties.
Currently there are 32 CEN-Members:

- Spain, France, Romania, Bulgaria, United Kingdom, Czech Republic
- Cyprus, Germany, Denmark, Greece, Estonia, Belgium, Portugal,
- Yugoslav Republic of Macedonia, Iceland, Lithuania, Latvia, Malta,
- Hungary, The Netherlands, Ireland, Norway, Austria, Poland, Luxembourg,
- Finland, Sweden, Slovenia, Switzerland, Slovakia, Turkey, Italy.

The national mirror committees of these countries can send delegates to the TC and the working groups.
Systematic review of European standards

- Standards are under periodic review, every 5 years
- National mirror committees can vote to
  - confirm
  - withdraw
  - revise
  - a standard, or suggest new working items

- TC meets once a year
- 2006, March Roma
- ..... 
- 2009, Nov., Paris
- 2010, Oct., Paris
- 2011, Nov., Roma
- 2012, Oct., Berlin
Active subcommittees, of the TC 217 are:

- WG 2: Surfaces of sports halls
- WG 6: Outdoor synthetic surfaces
- WG 10: Environmental aspects of sports surfaces
- WG 11: Test methods for sports surfaces

Working groups meet once, twice or even three times a year
**WG 2: Surfaces of sports halls**

- **Working Item:**
  - EN 14904:2006, Surfaces for sports areas
    - Indoor surfaces for multi-sports use, Specification

- WG 2 has a mandate from the European Commission
- They have to consider the Mandate M 119 – Floor coverings
- Harmonised European standard, Annex ZA
- Essential requirements
- Includes all indications necessary for CE marking of products

**Progress:**
- Decision to split the standard into two standards
- **Part 1:** Only deals with the Mandate M 119 - Floor coverings,
  - Harmonised standard and CE marking
- **Part 2:** Specifications and performance requirements for sports floor systems
  - Area deflection to distinguish between different floor types
  - New section Site tests
  - New section test report
WG 6: Outdoor synthetic surfaces

- **Working Item:**
  - EN 14877:2006 - Synthetic surfaces for outdoor sports areas – specifications
  - EN 15330-1:2007 - Synthetic turf and needle punched surfaces primarily designed for outdoor use - Part 1: Specification for synthetic turf

- **Progress:**
  - EN 14877:
    - Finished, there is already a draft out for enquiry
    - Still requirements for the applications athletics / multi sports / tennis
    - Mainly minor corrections or clarifications for some requirements
    - Some minor changes in the ranges for the shock absorption categories
    - Distinguish between lab requirements and performance requirements for facilities
    - New section test report
  
  - EN 15330-1:
    - Finished, there is already a draft out for enquiry
    - Still requirements for the applications hockey / football / rugby / tennis /multi-sport
    - Mainly minor corrections or clarifications for some requirements
    - Now 20200 cycles for simulated wear (Lisport)
    - Distinguish between lab tests and field test requirements
    - New section test report
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WG 10: Environmental aspects for sports surfaces

- **Working Item:**
  - Leaching test for artificial turf test”

- **Progress:**
  - Technical Specification TS 16384 “Synthetic sports systems, Leaching test”
  - is already a draft out for enquiry
  - Ongoing verification of test procedure

WG 11: Test methods for sports surfaces

- **Working Items:**
  - EN 12228:2002 - Surfaces for sports areas - Determination of joint strength of synthetic surfaces
  - EN 12229:2007 - Surfaces for sports areas – Procedure for the preparation of synthetic turf and textile test pieces
  - EN 12234:2002 - Surfaces for sports areas - Determination of ball roll behaviour
  - EN 12235:2005 - Surfaces for sports areas - Determination of vertical ball behaviour
  - EN 12616:2003 - Surfaces for sports areas - Determination of water infiltration rate
  - EN 14836:2005 - Surfaces for sports areas – Exposure to artificial weathering
  - EN 15306:2007 - Surfaces for outdoor sports areas – Exposure of synthetic turf to simulated wear (Lisport)
WG 11: Test methods for sports surfaces

Progress:
- Mostly finished, there are already some new drafts out for enquiry
- Mainly minor corrections, clarifications in the procedures and for the test equipment
- Updated to new ISO standards
The work of CEN 217 for this periodic review should be finished by autumn next year and could get published by the end of 2014.

Future work of CEN 217

- There are already new working items:
  - Rotational friction / Linear friction
  - AAA
  - Tests for synthetic turf infill... abrasion...compression tests
  - Indoor use of synthetic turf and synthetic surfaces...

- So as you can see, the work of the CEN TC 217, the European standardisation, is an ongoing process....