



# 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

- **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.....**