

BUSINESS PLAN

CEN/TC 178

PAVING UNITS AND KERBS

EXECUTIVE SUMMARY

Scope

Standardization of the performance requirements and their associated methods of test of paving units, kerbs and accessories manufactured from clay, concrete, natural stone or other materials used for the surfacing of footways, roads and other paved areas (dock, industrial, parking) considering their application.

Business Environment

The work of CEN/TC 178 is governed by mandates M 119 'Floorings' and M 122 'Roof coverings' under the Construction Products Directive.

The official information on the European market for paving slabs is difficult to obtain; some of it is commercially sensitive and unavailable. However, the construction industry in the European Union is worth approximately €900 billion a year, which is almost 10 % of the EU's GDP. Approximately 26 million workers in the EU depend, directly or indirectly, on the construction sector. (Secretary note: TC members requested to add/update information)

Benefits

CEN/TC 178 is currently drafting the following documents:

- EN 1338 rev 'Concrete paving blocks - Requirements and test methods'
- EN 1339 rev 'Concrete paving flags - Requirements and test methods'
- EN 1340 rev 'Concrete kerb units - Requirements and test methods'

CEN/TC178 has published the following European Standards, covering various types of paving units and kerbs:

- EN 1338:2003 'Concrete paving blocks - Requirements and test methods'
 - EN 1338:2003/AC:2006 'Concrete paving blocks - Requirements and test methods'
- EN 1339:2003 'Concrete paving flags - Requirements and test methods'
 - EN 1339:2003/AC:2006 'Concrete paving flags - Requirements and test methods'
- EN 1340:2003 'Concrete kerb units - Requirements and test methods'
 - EN 1340:2003/AC:2006 'Concrete kerb units - Requirements and test methods'
- EN 1341:2012 'Slabs of natural stone for external paving - Requirements and test methods'
- EN 1342: 2012 'Setts of natural stone for external paving - Requirements and test methods'
- EN 1343:2012 'Kerbs of natural stone for external paving - Requirements and test methods'
- EN1344:2013 'Clay pavers - Requirements and test methods'
 - 1344:2013/AC:2015 'Clay pavers - Requirements and test methods'

The following Technical Specification documents have been published:

- CEN/TS 15209:2008 'Tactile paving surface indicators produced from concrete, clay and stone'
- CEN/TS 12633:2014 'Method of polishing specimens prior to the measurement of slip and skid resistance'

1 BUSINESS ENVIRONMENT OF THE CEN/TC

1.1 Description of the Business Environment

The following political, economic, technical, regulatory, legal, societal and/or international dynamics describe the business environment of the industry sector, products, materials, disciplines or practices related to the scope of this CEN/TC, and they may significantly influence how the relevant standards development processes are conducted and the content of the resulting standards.

The official information on the European market for paving slabs is difficult to obtain; some of it is commercially sensitive and unavailable.

Products covered by TC 178 include precast concrete, natural stone and clay products.

(Secretary note: TC members requested to add information)

1.2 Quantitative Indicators of the Business Environment

The following list of quantitative indicators describes the business environment in order to provide adequate information to support actions of the CEN /TC.

Construction activity within Member States in 2003 was worth about €900 billion, constituting around 10 % of the EU's GDP and it employed over 11 million people.

(Secretary note: TC members requested to add/update information)

2 BENEFITS EXPECTED FROM THE WORK OF THE CEN/TC

TC 178 has published 7 European Standards, and 2 Technical Specifications covering various types of paving units and kerbs.

3 PARTICIPATION IN THE CEN/TC

All the CEN national members are entitled to nominate delegates to CEN Technical Committees and experts to Working Groups, ensuring a balance of all interested parties. Participation as observers of recognized European or international organizations is also possible under certain conditions. To participate in the activities of this CEN/TC, please contact the national standards organization in your country.

CEN/TC 178 WG structure:

WG 1 – Precast concrete products

WG 2 – Natural stone products

WG 3 – Clay products

WG 4 – Test methods for simulation of ageing of pavers by polishing

WG 5 – Tactile paving

4 OBJECTIVES OF THE CEN/TC AND STRATEGIES FOR THEIR ACHIEVEMENT

4.1 Defined objectives of the CEN/TC

- To complete the remaining work items on concrete (EN 1338 rev, 1339 rev, 1340 rev)
- To maintain the published standards

4.2 Identified strategies to achieve the CEN/TC's defined objectives.

The committee will conduct its work through meetings and correspondence between the WGs. It will also maintain the published standards and correct any identified errors.

5 FACTORS AFFECTING COMPLETION AND IMPLEMENTATION OF THE CEN/TC WORK PROGRAMME

EN 1338 rev, 1339 rec, 1340 rev are being drafted by WG1, there have been delays due to changing requirements for the Annex and CPR.