



[CEN/TC 88](#)

Thermal insulating materials and products

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Secretariat: DIN

EU-BauPVO N0196 AG 003-04-1 Continuous glowing combustion

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Expected action Info

Background

Dear members,

Please find attached an EC Document on continuous glowing combustion. It should be discussed at the next CEN/TC 88 meeting at the latest.

If you have comments concerning this topic please contact the CEN/TC 88 secretariat (andrea.schilde@din.de).

Yours sincerely

DIN – Building and Civil Engineering Standards Committee (NABau)

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EUROPEAN COMMISSION

Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs

Sustainable Growth and EU 2020

Sustainable Industrial Policy and Construction

AG 003/4/1

CONTINUOUS GLOWING COMBUSTION

One Member States has informed the EC services that in its territory there are regulatory requirements for the use of certain construction products in relation to the essential characteristic “continuous glowing combustion”.

The EC services have issued a mandate **M/0367** requesting the essential characteristic “continuous glowing combustion” to be incorporated in all harmonised standards for thermal insulation products.

Consequently, CEN TC 127 has developed a European test method (prEN 16733 Reaction to fire tests for building products - Determination of a building products propensity to undergo continuous smouldering). The assessment method for this essential characteristic is now expected to be adopted and published by August 2015.

In line with mandate **M/367** CEN/TC 88 is expected to introduce the soonest possible this essential characteristic and the reference to the test method in harmonised standards for thermal insulation products.

These standards are:

EN 13162, EN 13163, EN 13164, EN 13165, EN 13166, EN 13167, EN 13168, EN 13169, EN 13170, EN 13171, EN 14063-1, EN 14064-1, EN 14303, EN 14304, EN 14305, EN 14306, EN 14307, EN 14308, EN 14309, EN 14313, EN 14314, EN 14315-1, EN 14316-1, EN 14317-1, EN 14318-1, EN 14319-1, EN 14320-1, EN 15101, EN 15501, EN 15599-1, EN 15600-1, EN 16069.

Further to the above thermal insulation product standards, Member States have confirmed to the EC services that also for the following products there are regulatory requirements in relation to the essential characteristic “continuous glowing combustion”:

EN 438-7 High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (usually called laminates) (mandate M/121 "Internal and external wall and ceiling finishes")

EN 13950 Gypsum plasterboard thermal/acoustic insulation composite panels - Definitions, requirements and test methods (mandate M/106 “Gypsum products”)

EN 13964 Suspended ceilings (mandate M/121 "Internal and external wall and ceiling finishes")

EN 13986 Wood-based panels for use in construction (mandate M/113 “Wood-based panels”)

EN 14190 Gypsum plasterboard products from reprocessing - Definitions, requirements and test methods (mandate M/106 “Gypsum products”)

EN 15498:2008 - Precast concrete products - Wood-chip concrete shuttering blocks - Product properties and performance (mandate M/139 "Precast concrete products")

Proposed Action:

For the 6 products listed above the respective mandates under the CPR have to be amended in order to include the essential characteristic “continuous glowing combustion” and the reference to the assessment method in the harmonised standard.

The addition of the essential characteristic “continuous glowing combustion” in these product standards does not affect the classification criteria regarding “reaction to fire”.

The proposed addendum to these mandates is in the following annex.

After the consultation of the AG, the EC services intend to proceed asap with the consultation of the Standing Committee on Construction.

ANNEX

Common Addendum to mandates: M/106 (gypsum products), M/113 (wood-based panels), M/121 (internal and external wall and ceiling finishes) and M/139 (precast concrete products)

In Annex 2 of the mandate M/106 (gypsum products), of the mandate M/113 (wood-based panels), of the mandate M/121 (internal and external wall and ceiling finishes) and of the mandate M/139 (pre-cast concrete products) the essential characteristic “**continuous glowing combustion**” is added to the list of essential product characteristics for the following products only:

- *EN 438-7 High-pressure decorative laminates (HPL) – Sheets based on thermosetting resins (usually called laminates)*
- *EN 13950 Gypsum plasterboard thermal/acoustic insulation composite panels - Definitions, requirements and test methods*
- *EN 13964 Suspended ceilings*
- *EN 13986 Wood-based panels for use in construction*
- *EN 14190 Gypsum plasterboard products from reprocessing*
- *EN 15498:2008 - Precast concrete products - Wood-chip concrete shuttering blocks*

CEN TC 127 is requested to propose an appropriate assessment method to be used for the evaluation of the performance of the above products concerning the essential characteristic “continuous glowing combustion” taking into account the regulatory needs of the Member States which regulate the above construction products concerning the behaviour related to this characteristic.

The addition of the essential characteristic “continuous glowing combustion” in these product standards does not affect the classification criteria regarding “reaction to fire”.