



EUROPEAN COMMISSION  
DIRECTORATE-GENERAL III  
INDUSTRY  
Industrial affairs II: Capital goods industries  
**Construction**

Brussels, 26 January 1999

**M126 – EN**  
**(CONSTRUCT 98/290 Rev1)**

## **AMENDMENT TO :**

MANDATES TO CEN/CENELEC  
CONCERNING THE EXECUTION OF STANDARDISATION WORK  
FOR HARMONISED STANDARDS ON

**THERMAL INSULATION PRODUCTS;  
DOORS, WINDOWS, SHUTTERS, GATES AND RELATED BUILDING HARDWARE;  
MEMBRANES;  
PRECAST NORMAL/ LIGHTWEIGHT/ AUTOCLAVED AERATED CONCRETE  
PRODUCTS.**

**This amendment modifies the original mandates in the following manner :**

- The text of Annexes III of the mandates on **thermal insulation products** shall be replaced by the text of Annex I of this amendment.
- The text of Annexes III of the mandates on **doors, windows, shutters, gates and related building hardware** shall be replaced by the text of Annex II of this amendment.
- The text of Annexes III of the mandates on **membranes** shall be replaced by the text of Annex III of this amendment.
- The text of Annex IV of this amendment is added to the relevant Annex III of the mandates on **precast normal/ lightweight/ autoclaved aerated concrete products**. The Annexes III are not otherwise modified by this amendment.

## ANNEX I

**Note** : for products having more than one of the intended uses specified in the following families, the tasks for the approved body, derived from the relevant systems of attestation of conformity, are cumulative.

### ATTESTATION OF CONFORMITY

Product family : **thermal insulating products (1/2)**

#### 1. Levels and classes for product performances

- 1.1 According to article 3.2 of the CPD and Clause 1.2.1 of the IDs, a classification of product performance has been identified as the means of expressing the range of requirement levels of the works in respect of **reaction to fire**.

Regarding reaction to fire, CEN/CENELEC are requested to follow the Commission Decision 94/611/EC [O.J. L 241 of September 1994] and make reference to the standard(s) to be prepared under Commission mandate to CEN/CENELEC "Horizontal complement to the mandates in respect of reaction to fire" in dealing with reaction to fire in the specific harmonised product standards to be developed under this mandate.

- 1.2 Reaction to fire is a risk for which the need for a classification system has been identified for the time being.

Further needs may be identified on the basis of differences specified in Article 3 (2) of the CPD, which are justified in conformity with Community law (IDs Clause 1.2.1).

Where for such needs it is recognised that a classification of product performance is the means of expressing the range of requirement levels of the works, the Commission will give the appropriate guidance or will request CEN/CENELEC to make the appropriate proposal through a modification to this mandate.

#### 2. Systems of attestation of conformity

For the product(s) and intended use(s) listed below, CEN/CENELEC are requested to specify the following system(s) of attestation of conformity in the relevant harmonised standard(s):

Product(s)	Intended use(s)	Level(s) or class(es)	Attestation of conformity system(s)
<b>Thermal insulating products</b> (factory-made products and products intended to be formed in-situ)	any	-	3

System 3: See CPD Annex III.2.(ii), Second possibility

#### 3. Conditions to be applied by CEN on the specifications of the attestation of conformity system

- 3.1 The specification for the system should be such that it can be implemented even where performance does not need to be determined for a certain characteristic, because at least one Member State has no legal requirement at all for such characteristic [see the "no performance

determined" case under Article 2.1 of the CPD and when article 3.2 classes apply, clause 1.2.3 of the Interpretative Documents]. In those cases the verification of such a characteristic must not be imposed on the manufacturer if he does not wish to declare the performance of the product in that respect.

3.2 For products falling under system 3 for the initial type testing of the product [see Annex III.1.a) of the CPD] the task for the approved body will be limited to the following characteristics, where relevant :

**Thermal resistance**

**Release of dangerous substances** (in particular, those dangerous substances defined in Council Directive 76/769/EEC, as amended)

**Release of corrosive substances**

**Compressive strength** (for load-bearing applications)

**External fire performance** (for external layers of roof assemblies)

**Water permeability**

Product family : **thermal insulating products (2/2)**

**1. Levels and classes for product performances**

1.1 [text as for family (1/2)]

1.2 [text as for family (1/2)]

**2. Systems of attestation of conformity**

For the product(s) and intended use(s) listed below, CEN/CENELEC are requested to specify the following system(s) of attestation of conformity in the relevant harmonised standard(s):

Product(s)	Intended use(s)	Level(s) or class(es) (reaction to fire)	Attestation of conformity system(s)
<b>Thermal insulating products</b> (factory-made products and products intended to be formed in-situ)	for uses subject to regulations on reaction to fire	A*, B*, C*	<b>1</b>
		-----	-----
		A**, B**, C**	<b>3</b>
		-----	-----
		A***, D, E, F	<b>4</b>

System 1: See CPD Annex III.2.(i), without audit-testing of samples

System 3: See CPD Annex III.2.(ii), Second possibility

System 4: See CPD Annex III.2.(ii), Third possibility

\* Materials for which the reaction to fire performance is susceptible to change during production (In general, those subject to chemical modification, e.g. fire retardants, or where changes of composition may lead to changes in reaction to fire performance)

\*\* Materials for which the reaction to fire performance is not susceptible to change during the production process

\*\*\* Materials of class A that according to the Decision 96/603 do not require to be tested for reaction to fire.

### **3. Conditions to be applied by CEN on the specifications of the attestation of conformity system**

- 3.1 The specification for the system should be such that it can be implemented even where performance does not need to be determined for a certain characteristic, because at least one Member State has no legal requirement at all for such characteristic [*see the "no performance determined" case under Article 2.1 of the CPD and when article 3.2 classes apply, clause 1.2.3 of the Interpretative Documents*]. In those cases the verification of such a characteristic must not be imposed on the manufacturer if he does not wish to declare the performance of the product in that respect.
- 3.2 Regarding products falling under system 1 for the initial type testing of the product [see Annex III.1.a) of the CPD] the task for the approved body will be limited to the following characteristics, where relevant :

**Euroclasses characteristics for reaction to fire** as indicated in Commission Decision 94/611/EC

- 3.3 For products falling under system 1, for the initial inspection of the factory and of the factory production control [see Annex III.1.f) of the CPD], and for the continuous surveillance, assessment and approval of the factory production control [see Annex III.1.g) of the CPD], parameters related to the following characteristics shall be of the interest of the approved body, where relevant :

**Euroclasses characteristics for reaction to fire** as indicated in Commission Decision 94/611/EC

- 3.4 For products falling under system 3 for the initial type testing of the product [see Annex III.1.a) of the CPD] the task for the approved body will be limited to the following characteristics, where relevant :

**Euroclasses characteristics for reaction to fire** as indicated in Commission Decision 94/611/EC

## ANNEX II

*Note : for products having more than one of the intended uses specified in the following families, the tasks for the approved body, derived from the relevant systems of attestation of conformity, are cumulative.*

### ATTESTATION OF CONFORMITY

Product family : <b>doors, windows, shutters, blinds, gates and related building hardware (1/1)</b>
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#### 1. Levels and classes for product performances

- 1.1 According to article 3.2 of the CPD and Clause 1.2.1 of the IDs, a classification of product performance has been identified as the means of expressing the range of requirement levels of the works in respect of **resistance to fire**.

Regarding resistance to fire, CEN/CENELEC are requested to make reference to the standard(s) to be prepared under Commission mandate to CEN/CENELEC "Horizontal complement to the mandates in respect of resistance to fire" in dealing with resistance to fire in the specific harmonised product standards to be developed under this mandate.

- 1.2 Resistance to fire is a risk for which the need for a classification system has been identified for the time being.

Further needs may be identified on the basis of differences specified in Article 3 (2) of the CPD, which are justified in conformity with Community law (IDs Clause 1.2.1).

Where for such needs it is recognised that a classification of product performance is the means of expressing the range of requirement levels of the works, the Commission will give the appropriate guidance or will request CEN/CENELEC to make the appropriate proposal through a modification to this mandate.

## 2. Systems of attestation of conformity

For the product(s) and intended use(s) listed below, CEN/CENELEC are requested to specify the following system(s) of attestation of conformity in the relevant harmonised standard(s):

Product(s)	Intended use(s)	Level(s) or class(es)	Attestation of conformity system(s)
<b>Doors and gates</b> (with or without related hardware) <sup>1</sup>	fire / smoke compartmentation and on escape routes	-	<b>1</b>
	----- other declared specific uses and/or uses subject to other specific requirements, in particular noise, energy, tightness and safety-in-use	-	<b>3</b>
	----- for internal communication only	-	<b>4</b>
<b>Building hardware</b> related to doors and gates	fire / smoke compartmentation and on escape routes	-	<b>1</b>
<b>Windows</b> (with or without related hardware) <sup>2</sup>	fire / smoke compartmentation and on escape routes	-	<b>1</b>
	----- any other	-	<b>3</b>
<b>Shutters and blinds</b> (with or without related hardware)	external use	-	<b>4</b>
System 1: See CPD Annex III.2.(i), without audit-testing of samples System 3 : See CPD Annex III. 2.(ii), Second possibility System 4 : See CPD Annex III. 2.(ii), Third possibility			

## 3. Conditions to be applied by CEN on the specifications of the attestation of conformity system

3.1 The specification for the system should be such that it can be implemented even where performance does not need to be determined for a certain characteristic, because at least one Member State has no legal requirement at all for such characteristic [*see the "no performance determined" case under Article 2.1 of the CPD and when article 3.2 classes apply, clause 1.2.3*]

<sup>1</sup> The glazing incorporated in doors shall, in addition, be subject to Commission Decision xxx on “flat glass, profiled glass and glass block products”.

<sup>2</sup> The glazing incorporated in windows shall, in addition, be subject to Commission Decision xxx on “flat glass, profiled glass and glass block products”.

*of the Interpretative Documents*]. In those cases the verification of such a characteristic must not be imposed on the manufacturer if he does not wish to declare the performance of the product in that respect.

- 3.2 Regarding products falling under system 1 for the initial type testing of the product [see Annex III.1.a) of the CPD] the task for the approved body will be limited to the following characteristics, where relevant :

- Resistance to fire**
- Smoke leakage**
- Self closing**
- Ability to release**
- Watertightness**
- Release of dangerous substances**
- Resistance to wind load**
- Direct airborne sound insulation**
- Thermal resistance**
- Air permeability**

- 3.3 For products falling under system 1, for the initial inspection of the factory and of the factory production control [see Annex III.1.f) of the CPD], and for the continuous surveillance, assessment and approval of the factory production control [see Annex III.1.g) of the CPD], parameters related to the following characteristics shall be of the interest of the approved body, where relevant :

- Resistance to fire**
- Smoke leakage**
- Self closing**
- Ability to release**

- 3.4 For products falling under system 3 for the initial type testing of the product [see Annex III.1.a) of the CPD] the task for the approved body will be limited to the following characteristics, where relevant :

- Watertightness**
- Release of dangerous substances**
- Resistance to wind load**
- Direct airborne sound insulation**
- Thermal resistance**
- Air permeability**

### ANNEX III

*Note : for products having more than one of the intended uses specified in the following families, the tasks for the approved body, derived from the relevant systems of attestation of conformity, are cumulative.*

#### ATTESTATION OF CONFORMITY

Product family : <b>membranes (1/3)</b>
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#### 1. Levels and classes for product performances

- 1.1 According to article 3.2 of the CPD and Clause 1.2.1 of the IDs, a classification of product performance has been identified as the means of expressing the range of requirement levels of the works in respect of **reaction to fire**.

Regarding reaction to fire, CEN/CENELEC are requested to follow the Commission Decision 94/611/EC [O.J. L 241 of September 1994] and make reference to the standard(s) to be prepared under Commission mandate to CEN/CENELEC "Horizontal complement to the mandates in respect of reaction to fire" in dealing with reaction to fire in the specific harmonised product standards to be developed under this mandate.

- 1.2 Reaction to fire is a risk for which the need for a classification system has been identified for the time being.

Further needs may be identified on the basis of differences specified in Article 3 (2) of the CPD, which are justified in conformity with Community law (IDs Clause 1.2.1).

Where for such needs it is recognised that a classification of product performance is the means of expressing the range of requirement levels of the works, the Commission will give the appropriate guidance or will request CEN/CENELEC to make the appropriate proposal through a modification to this mandate.

#### 2. Systems of attestation of conformity

For the product(s) and intended use(s) listed below, CEN/CENELEC are requested to specify the following system(s) of attestation of conformity in the relevant harmonised standard(s) :



<b>Product(s)</b>	<b>Intended use(s)</b>	<b>Level(s) or class(es)</b>	<b>Attestation of conformity system(s)</b>
<b>Damp proof courses</b> <b>Roof underlays</b> <b>Water vapour control layers</b>	in buildings	-	<b>3</b>
<b>Damp proofing sheets</b> <b>Roof sheets</b>	in buildings	-	<b>2+</b>
System 2+: See CPD Annex III.2.(ii), First possibility, including certification of the factory production control by an approved body on the basis of initial inspection of factory and of factory production control as well as of continuous surveillance assessment and approval of factory production control. System 3: See CPD Annex III.2.(ii), Second possibility			

### **3. Conditions to be applied by CEN on the specifications of the attestation of conformity system**

- 3.1 The specification for the system should be such that it can be implemented even where performance does not need to be determined for a certain characteristic, because at least one Member State has no legal requirement at all for such characteristic [*see the "no performance determined" case under Article 2.1 of the CPD and when article 3.2 classes apply, clause 1.2.3 of the Interpretative Documents*]. In those cases the verification of such a characteristic must not be imposed on the manufacturer if he does not wish to declare the performance of the product in that respect.
- 3.2 For products falling under system 3 for the initial type testing of the product [see Annex III.1.a) of the CPD] the task for the approved body will be limited to the following characteristics, where relevant :

**Watertightness**

**Water vapour permeability**

- 3.3 For products under system 2+, regarding the continuous surveillance, assessment and approval of the factory production control [see Annex III.1.g) of the CPD], and for the initial inspection of the factory and of the factory production control [see Annex III.1.f) of the CPD], parameters related to the following characteristics shall be of the interest of the approved body, where relevant :

**Watertightness**

## 1. Levels and classes for product performances

1.1 [text as for family (1/3)]

1.2 [text as for family (1/3)]

## 2. Systems of attestation of conformity

For the product(s) and intended use(s) listed below, CEN/CENELEC are requested to specify the following system(s) of attestation of conformity in the relevant harmonised standard(s):

Product(s)	Intended use(s)	Level(s) or class(es) (reaction to fire)	Attestation of conformity system(s)
<b>Damp proofing sheets</b>	for uses subject to reaction to fire regulations	A*, B*, C*	<b>1</b>
<b>Damp proof courses</b>		-----	-----
<b>Roof underlays</b>		A**, B**, C**	<b>3</b>
<b>Roof sheets</b>		-----	-----
<b>Water vapour control layers</b>		A***, D, E, F	<b>4</b>
System 1: See CPD Annex III.2.(i), without audit-testing of samples			
System 3 : See CPD Annex III.2.(ii), Second possibility			
System 4 : See CPD Annex III.2.(ii), Third possibility			

\* Materials for which the reaction to fire performance is susceptible to change during production (In general, those subject to chemical modification, e.g. fire retardants, or where changes of composition may lead to changes in reaction to fire performance).

\*\* Materials for which the reaction to fire performance is not susceptible to change during the production process

\*\*\* Materials of class A that according to the Decision 96/603 do not require to be tested for reaction to fire.

## 3. Conditions to be applied by CEN on the specifications of the attestation of conformity system

3.1 The specification for the system should be such that it can be implemented even where performance does not need to be determined for a certain characteristic, because at least one Member State has no legal requirement at all for such characteristic [see the "no performance determined" case under Article 2.1 of the CPD and when article 3.2 classes apply, clause 1.2.3 of the Interpretative Documents]. In those cases the verification of such a characteristic must not be imposed on the manufacturer if he does not wish to declare the performance of the product in that respect.

3.2 Regarding products falling under system 1 for the initial type testing of the product [see Annex III.1.a) of the CPD] the task for the approved body will be limited to the following characteristics, where relevant :

**Euroclasses characteristics for reaction to fire** as indicated in Commission Decision 94/611/EC

3.3 For products falling under system 1, for the initial inspection of the factory and of the factory production control [see Annex III.1.f) of the CPD], and for the continuous surveillance, assessment and approval of the factory production control [see Annex III.1.g) of the CPD], parameters related to the following characteristics shall be of the interest of the approved body, where relevant :

**Euroclasses characteristics for reaction to fire** as indicated in Commission Decision 94/611/EC

3.4 For products falling under system 3 for the initial type testing of the product [see Annex III.1.a) of the CPD] the task for the approved body will be limited to the following characteristics, where relevant :

**Euroclasses characteristics for reaction to fire** as indicated in Commission Decision 94/611/EC

Product family : **membranes (3/3)**

**1. Levels and classes for product performances**

1.1 *[text as for family (1/3)]*

1.2 *[text as for family (1/3)]*

**2. Systems of attestation of conformity**

For the product(s) and intended use(s) listed below, CEN/CENELEC are requested to specify the following system(s) of attestation of conformity in the relevant harmonised standard(s):

<b>Product(s)</b>	<b>Intended use(s)</b>	<b>Level(s) or class(es)</b>	<b>Attestation of conformity system(s)</b>
<b>Roof underlays</b> <b>Roof sheets</b>	for uses subject to external fire performance regulations	products requiring testing ----- products “deemed to satisfy” without testing *	<b>3</b>  <b>4</b>
System 3 : See CPD Annex III.2.(ii), Second possibility System 4 : See CPD Annex III.2.(ii), Third possibility			

\* to be confirmed in discussions with the Fire Regulators Group

### **3. Conditions to be applied by CEN on the specifications of the attestation of conformity system**

- 3.1 The specification for the system should be such that it can be implemented even where performance does not need to be determined for a certain characteristic, because at least one Member State has no legal requirement at all for such characteristic [*see the "no performance determined" case under Article 2.1 of the CPD and when article 3.2 classes apply, clause 1.2.3 of the Interpretative Documents*]. In those cases the verification of such a characteristic must not be imposed on the manufacturer if he does not wish to declare the performance of the product in that respect.
- 3.2 Regarding products falling under system 3 for the initial type testing of the product [see Annex III.1.a) of the CPD] the task for the approved body will be limited to the following characteristics, where relevant :

#### **External fire performance**

## ANNEX IV

Product family : **precast normal/ lightweight/ autoclaved aerated concrete products (1/1)**

### 1. Levels and classes for product performances

1.1 For the time being, the differences specified in Article 3 (2) of the CPD do not seem to give rise to the need of a classification system for products.

Where for such needs it is recognised that a classification of product performance is the means of expressing the range of requirement levels of the works, the Commission will give the appropriate guidance or will request CEN/CENELEC to make the appropriate proposal through a modification to this mandate.

### 2. Systems of attestation of conformity

For the product(s) and intended use(s) listed below, CEN/CENELEC are requested to specify the following system(s) of attestation of conformity in the relevant harmonised standard(s):

Product(s)	Intended use(s)	Level(s) or class(es)	Attestation of conformity system(s)
<b>Non-loadbearing wall elements</b>	for non-structural or light structural use <sup>3</sup>	-	<b>4</b>
System 4 : See CPD Annex III.2.(ii), Third possibility			

### 3. Conditions to be applied by CEN on the specifications of the attestation of conformity system

3.1 The specification for the system should be such that it can be implemented even where performance does not need to be determined for a certain characteristic, because at least one Member State has no legal requirement at all for such characteristic [*see the "no performance determined" case under Article 2.1 of the CPD and when article 3.2 classes apply, clause 1.2.3 of the Interpretative Documents*]. In those cases the verification of such a characteristic must not be imposed on the manufacturer if he does not wish to declare the performance of the product in that respect.

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<sup>3</sup> Light structural use refers to applications that in case of failure are not supposed to cause the collapse of the works or part of them, inadmissible deformations or injury to people (to be defined by Member States).