

# Mandate M/121

MANDATE TO CEN/CENELEC

CONCERNING THE EXECUTION OF STANDARDISATION WORK

FOR HARMONIZED STANDARDS ON

## INTERNAL AND EXTERNAL WALL AND CEILING FINISHES

RELATED TO THE FOLLOWING END USES

04/33 EXTERNAL WALLS (INCLUDING CLADDING), INTERNAL WALLS AND PARTITIONS

10/33 SUSPENDED CEILINGS

11/33 EXTERNAL FINISHES OF WALLS

12/33 INTERNAL FINISHES OF WALLS AND PARTITIONS

14/33 CEILING FINISHES

## ANNEX 1

FIELD OF APPLICATION

## INTERNAL AND EXTERNAL WALL AND CEILING FINISHES

LIST OF PRODUCTS TO BE INCLUDED IN THE MANDATE TO BE USED IN:

04/33 EXTERNAL WALLS (INCLUDING CLADDING), INTERNAL WALLS AND PARTITIONS

10/33 SUSPENDED CEILINGS

11/33 EXTERNAL FINISHES OF WALLS

12/33 INTERNAL FINISHES OF WALLS PARTITIONS

14/33 CEILING FINISHES

For the purpose of this mandate, finishes are those products (simple or composite) intended to become the external layer of a wall or a ceiling.

FORM	MATERIALS	PRODUCTS FOR CONSIDERATION
Flexible sheets/rolls	organic fibres paper inorganic fibres rubber plastics composites cork	<b>wall coverings in roll form</b> <b>ceiling linings</b>
Rigid sheets (small and medium size)	natural stone cast stone concrete clay ceramic metal	<b>cladding slabs</b> , with or without integrated fixation <b>shingles</b> (overlapping tiling) <b>wall tiles</b> (butted tiling) <b>ceiling tiles</b>

	timber plastics, including. foamed bituminous surface treated mineral wool wood wool organic fibres inorganic fibres fibre reinforced calcium silicate fibre cement slates	
Rigid sheets (large size)	metal reinforced concrete fibre cement timber plastics cork inorganic boards composites	<b>wall panels</b> , including large metallic claddings, high/low pressure laminates and sandwich panels with or without insulation <b>ceiling panels</b> , including sandwich panels with or without insulation <i>(except those panels already covered by previous mandates to CEN - gypsum and wood-based - and EOTA - internal partition kits)</i>

Cont.

FORM	MATERIALS	PRODUCTS FOR CONSIDERATION
Profiles	timber metal plastics composites fibre cement wood based materials	<b>sidings</b>
Components, Sections	metals <sup>(*)</sup> timber <sup>(*)</sup> plastics	<b>featured profiles</b> <b>suspending frames</b> <i>(for suspended ceilings)</i>
kits including: e.g. rigid sheets and components/sec tions	(as above) (as above) (as above)	<b>suspended ceilings (kits)</b> , including ceiling tiles or ceiling panels and suspended frames

(\*) Products made of these materials are not covered by this mandate since they are in the mandate for structural metallic sections and for structural timber products.

## ANNEX 2

### TECHNICAL TERMS OF REFERENCE

**Note** : not all of the characteristics shown in the following tables will be relevant for every product in a particular family or sub-family. CEN/CENELEC should select the subset of characteristics applicable to a particular product from the full set provided. The brackets after characteristics provide guidance, but should be carefully checked.

# INTERNAL AND EXTERNAL WALL AND CEILING FINISHES

TO BE USED IN:

04/33 EXTERNAL WALLS (INCLUDING CLADDING), INTERNAL WALLS AND PARTITIONS  
 10/33 SUSPENDED CEILINGS  
 11/33 EXTERNAL FINISHES OF WALLS  
 12/33 INTERNAL FINISHES OF WALLS AND PARTITIONS  
 14/33 CEILING FINISHES

Family

## INTERNAL FINISHES

Family and subfamilies

### 1.- WALL COVERINGS IN ROLL FORM

Including heavy duty, self finished or for subsequent decoration.

### 2.-CEILING LININGS

Including heavy duty, self finished or for subsequent decoration.

Characteristics of WALL COVERINGS IN ROLL FORMS AND CEILING LININGS FOR INTERNAL USES to be covered by the harmonised standard will be:

E R	PERFORMANCE CHARACTERISTIC	Durability
1	.	.
2	<b>Reaction to fire</b> ( <i>only for coverings/linings intended for uses on walls/ceilings subject to reaction to fire regulations</i> )	.
3	<b>Release formaldehyde</b> ( <i>where relevant, according to material</i> ) <b>Release of pentachlorophenol</b> ( <i>where relevant, according to material</i> ) <b>Release of other dangerous substances *</b> ( <i>as relevant</i> ) <b>Susceptibility to the growth of harmful micro-organisms</b> <b>Water vapour permeability</b> ( <i>only for coverings/linings intended for use on walls/ceilings subject to water vapour control requirements</i> ) <b>Water permeability</b> ( <i>only for coverings/linings intended for uses on walls/ceilings subject to water penetration requirements</i> )	Y
4	.	.
5	.	.
6	<b>Thermal resistance</b> ( <i>only for coverings/linings intended for uses in walls/ceilings subject to thermal insulation requirements</i> )	.

\* in particular, those dangerous substances defined in Council Directive 76/769/EEC, as amended.

Family and subfamilies

### 3.- WALL AND CEILING TILES

**Elements of regular geometric forms with reduced thickness and such dimensions that can be easily held by one person. To be adhered or mechanically fixed to wall or ceiling or suspended to ceiling.**

Characteristics of the WALL AND CEILING TILES FOR INTERNAL USES to be covered by the harmonised standard will be:

E R	PERFORMANCE CHARACTERISTIC	Durability
1	.	.
2	<b>Reaction to fire</b> ( <i>only for tiles intended for uses on walls/ceilings subject to reaction to fire regulations</i> )	.
3	<b>Emission of radioactivity</b> ( <i>where relevant, according to material</i> ) <b>Release of formaldehyde</b> ( <i>where relevant, according to material</i> ) <b>Release of asbestos (content)</b> ( <i>only for tiles made with fibre cement</i> ) <b>Release of other dangerous substances *</b> ( <i>as relevant</i> ) <b>Susceptibility to the growth of harmful micro-organisms</b> <b>Water vapour permeability</b> ( <i>only for tiles intended for use on walls/ceilings</i> )	Y

*subject to water vapour control requirements)*

**Water permeability** *(only for tiles intended for uses on walls/ceilings subject to water penetration requirements)*

- 4 **Shatter properties (safe breakability)** *(only for tiles of brittle materials intended for uses subject to requirements against accidental injuries from cutting objects)*

**Flexural tensile strength** *(only for tiles intended for use in suspended ceilings)*

**Bond strength/ adhesion** *(only for tiles intended for uses subject to requirements against accidental fall of objects on to transit areas)*

- 5 **Sound absorption** *(only for tiles intended for acoustic conditioning)*

- 6 **Thermal resistance /[eg density]** *(only for tiles intended for uses in walls/ceilings subject to thermal insulation requirements)*

\* in particular, those dangerous substances defined in Council Directive 76/769/EEC, as amended.

### Family and subfamilies

**4.- WALL AND CEILING PANELS** (except wood-based panels and plasterboards covered by previous mandates)

**Elements of regular geometric forms with reduced thickness and such dimensions that can not be easily held by one person. Including fixing devises in wall panels.**

**NB. This sub-family includes WALL CLADDING SLABS.**

Characteristics of the WALL AND CEILING PANELS FOR INTERNAL USES to be covered by the harmonised standard will be:

E R	PERFORMANCE CHARACTERISTIC	Durability
1	<b>Racking strength</b> <i>(only for panels intended for use as stiffening elements)</i>	
2	<b>Reaction to fire</b> <i>(only for panels intended for uses on walls/ceilings subject to reaction to fire regulations)</i> <b>Fire resistance</b> <i>(only for panels intended for fire protection as complete element)</i>	
3	<b>Emission of radioactivity</b> <i>(where relevant, according to material)</i> <b>Release of asbestos (content)</b> <i>(only for panels made with fibre cement)</i> <b>Release of formaldehyde</b> <i>(where relevant, according to material)</i> <b>Release of other dangerous substances *</b> <i>(as relevant)</i> <b>Susceptibility to the growth of harmful micro-organisms</b> <b>Water vapour permeability</b> <i>(only for panels intended for uses on walls/ceilings subject to water vapour control requirements)</i> <b>Water permeability</b> <i>(only for panels intended for uses on walls/ceilings subject to water penetration requirements)</i>	Y
4	<b>Shatter properties (Safe breakability)</b> <i>(only for panels of brittle materials intended for uses subject to requirements against accidental injuries from cutting objects)</i> <b>Flexural tensile strength</b> <i>(only for panels intended for use in suspended ceilings)</i> <b>Resistance to fixings</b> <i>(as relevant)</i>	
5	<b>Direct airborne sound insulation</b> <i>(in end use conditions) / [eg density]</i> <i>(only for panels intended for uses in walls/ceilings subject to acoustic insulation requirements)</i> <b>Sound absorption</b> <i>(only for panels intended for acoustic conditioning)</i>	
6	<b>Thermal resistance / [eg density]</b> <i>(only for panels intended for uses in walls/ceilings subject to thermal insulation requirements)</i>	

\* in particular, those dangerous substances defined in Council Directive 76/769/EEC, as amended.

### Family and subfamilies

**5 - WALL SIDINGS**

Elements of regular geometric form in which length predominates over the other two dimensions having reduced thickness. Including fixing devices where relevant.

Characteristics of the SIDINGS FOR INTERNAL USES to be covered by the harmonised standard will be:

E R	PERFORMANCE CHARACTERISTIC	Durability
1	.	.
2	<b>Reaction to fire</b> (only for <i>sidings</i> intended for uses on walls/ceilings subject to reaction to fire regulations)	.
3	<b>Water permeability</b> (only for <i>sidings</i> intended for uses on walls/ceilings subject to water penetration requirements) <b>Release of asbestos (content)</b> (only for <i>sidings</i> made with fibre cement) <b>Release of formaldehyde</b> (where relevant, according to material) <b>Release of other dangerous substances *</b> (as relevant) <b>Susceptibility to the growth of harmful micro-organisms</b>	.
4	<b>Shatter properties (Safe breakability)</b> (only for <i>sidings</i> of brittle materials intended for uses subject to requirements against accidental injuries from cutting objects) <b>Resistance to fixings</b> (only <i>sidings</i> with associated fixings intended for uses subject to requirements against accidental fall of objects on to transit areas) <b>Bond strength/Adhesion</b> (only for <i>sidings</i> intended for uses subject to requirements against accidental fall of objects on to transit areas)	Y
5	.	.
6	<b>Thermal resistance/[eg density]</b> (only for <i>sidings</i> intended for uses in walls/ceilings subject to thermal insulation requirements)	.

\* in particular, those dangerous substances defined in Council Directive 76/769/EEC, as amended.

### Subfamily

**6.- ANCILLARY PRODUCTS FOR INTERNAL FINISHES IN WALLS AND CEILING** (except those for wood-based panels and plasterboards presented in the relevant mandates)

#### 6 A.-Featured profiles

**Profiles intended for supporting internal wall and ceiling finishes.**

#### 6 B.-Suspending frames

**Kits of sections used to form the supporting structure for suspended ceilings where the panels may or may not conceal the frame**

Characteristics of ANCILLARY PRODUCTS FOR INTERNAL FINISHES IN WALLS AND CEILINGS to be covered by the harmonised standard will be:

E R	PERFORMANCE CHARACTERISTIC	Durability
1	.	.
2	<b>Reaction to fire</b> (for <i>feature profiles and suspending frames</i> intended for use in situations exposed to fire on walls/ceilings subject to reaction to fire regulations)	.
3		Y
4	<b>Load bearing capacity</b> (only for <i>suspending frames</i> in suspended ceilings) <b>Resistance to fixings</b> (as relevant for <i>profiles/ frames with associated fixings</i> )	.
5	.	.
6	.	.

### 7 - SUSPENDED CEILINGS (kits)

Composed of ceiling tiles or panels and relevant suspending frame.

Characteristics of the SUSPENDED CEILING FOR INTERNAL USES to be covered by the harmonised standard will be:

E R	PERFORMANCE CHARACTERISTIC	Durability
1		
2	<b>Reaction to fire</b> (only for <i>suspended ceilings</i> intended for uses subject to reaction to fire regulations) <b>Fire resistance</b> (only for <i>suspended ceilings</i> intended for fire protection)	
3	<b>Emission of radioactivity</b> (where relevant, according to material) <b>Release of asbestos (content)</b> (only for <i>suspended ceilings</i> with tiles or panels of fibre cement) <b>Release of formaldehyde</b> (where relevant, according to material) <b>Release of other dangerous substances *</b> (as relevant) <b>Susceptibility to the growth of harmful micro-organisms</b>	Y
4	<b>Water permeability</b> (only for <i>suspended ceilings</i> intended for uses on ceilings subject to water penetration requirements) <b>Shatter properties (Safe breakability)</b> (only for <i>suspended ceilings</i> with tiles or panels of brittle materials intended for uses subject to requirements against accidental injuries from cutting objects) <b>Flexural tensile strength</b> (only for the <i>panels</i> or tiles of the kit) <b>Load bearing capacity</b> (only for the <i>suspending frames</i> of the kit) <b>Resistance to fixings</b> (as relevant for <i>kits with associated fixings</i> )	
5	<b>Direct airborne sound insulation</b> (in end use conditions) / <b>[eg density]</b> (only for <i>suspended ceilings</i> intended for uses in ceilings subject to acoustic insulation requirements) <b>Sound absorption</b> (only for <i>suspended ceilings</i> intended for uses subject to acoustic conditioning requirements)	
6	<b>Thermal resistance / [eg density]</b> (only for <i>suspended ceilings</i> intended for uses in ceilings subject to thermal insulation requirements)	

\* in particular, those dangerous substances defined in Council Directive 76/769/EEC, as amended.

Family

**EXTERNAL FINISHES**

subfamilies

**8.- WALL AND CEILING TILES**

Elements of regular geometric forms with reduced thickness and such dimensions that can be easily held by one person. To be adhered or mechanically fixed to wall or ceiling or suspended to ceiling.

**9.- WALL CLADDING SLABS**

Heavy duty elements of regular geometric forms with reduced thickness and medium size dimensions that can not be easily held by one person. Including fixing devices.

**10.- WALL SHINGLES**

Elements of regular geometric forms with very reduced thickness and such dimensions that can be easily held by one person. To be installed overlapping. Including fixing devices

**11.- WALL SIDINGS**

**Elements of regular geometric form in which length predominates over the other two dimensions having reduced thickness. Including fixing devices where relevant.**

Characteristics of the WALL AND CEILING TILES, CLADDING SLABS, SHINGLES AND SIDINGS FOR EXTERNAL USES to be covered by the harmonised standard will be:

E R	PERFORMANCE CHARACTERISTIC	Durability
1		
2	<b>Reaction to fire</b> ( <i>only for tiles, cladding slabs, shingles and sidings intended for uses on walls/ceilings subject to reaction to fire regulations</i> )	
3	<b>Water vapour permeability</b> ( <i>only for tiles and cladding slabs intended for use on walls/ceilings subject to water vapour control requirements</i> ) <b>Water permeability</b> ( <i>only for tiles, cladding slabs, shingles and sidings intended for uses on walls/ceilings subject to water penetration requirements</i> ) <b>Release of asbestos (content)</b> ( <i>only for tiles, cladding slabs, shingles and sidings of fibre cement</i> ) <b>Release of other dangerous substances</b> * ( <i>as relevant</i> )	Y (Against
4	<b>Shatter properties (Safe breakability)</b> ( <i>only for tiles, cladding slabs, shingles and sidings of brittle materials intended for uses subject to requirements against accidental injuries from cutting objects</i> ) <b>Mechanical resistance</b> ( <i>e.g. flexural tensile strength, ..., as relevant for slabs</i> ) <b>Resistance to fixings</b> ( <i>only for cladding slabs, shingles and sidings with associated fixings intended for uses subject to requirements against accidental fall of objects onto transit areas</i> ) <b>Bond strength/Adhesion</b> ( <i>only for tiles intended for uses subject to requirements against accidental fall of objects on to transit areas(see note below)</i> ) <b>Thermal shock resistance</b> ( <i>where relevant, according to material</i> )	weathering, freeze-thaw, de- icing salts, ...as relevant)
5	<b>Direct airborne sound insulation</b> ( <i>in end use conditions</i> ) / <b>[eg density]</b> ( <i>only for cladding slabs intended for uses in walls/ceilings subject to acoustic insulation requirements</i> )	
6	<b>Thermal resistance/[eg density]</b> ( <i>only for cladding slabs and sidings intended for uses in walls/ceilings subject to thermal insulation requirements</i> )	

\* in particular, those dangerous substances defined in Council Directive 76/769/EEC, as amended.

**Subfamilies**

**12.- WALL AND CEILING PANELS** (except wood-based panels and plasterboards as presented in previous mandates)

**Elements of regular geometric forms with reduced thickness and such dimensions that can not be easily held by one person, including large metallic claddings, high/low pressure laminates and sandwich panels. Including fixing devices in wall panels.**

Characteristics of WALL AND CEILING PANELS FOR EXTERNAL USES to be covered by the harmonised standard will be:

E R	PERFORMANCE CHARACTERISTIC	Durability
1	<b>Racking strength</b> ( <i>only for panels intended for use as stiffening elements</i> )	
2	<b>Fire resistance</b> ( <i>in end use conditions</i> ) ( <i>only for panels intended for fire protection of walls/ceilings as complete elements</i> ) <b>Reaction to fire</b> ( <i>only for panels intended for use on walls/ceilings subject to reaction to fire regulations</i> )	
3	<b>Water vapour permeability</b> ( <i>only for panels intended for use on walls/ceilings subject to water vapour control requirements</i> ) <b>Water permeability</b> ( <i>only for panels intended for uses on walls/ceilings subject</i> )	Y (Against weathering,

	<i>to water penetration requirements)</i>	<i>freeze-</i>
	<b>Release of asbestos (content)</b> <i>(only for panels of fibre cement)</i>	
	<b>Release of other dangerous substances</b> * <i>(as relevant)</i>	
4	<b>Shatter properties (Safe breakability)</b> <i>(only for panels of brittle materials intended for uses subject to requirements against accidental injuries from cutting objects and against accidental fall of objects on to transit areas)</i>	<i>thaw, de-icing salts, ... as relevant)</i>
	<b>Resistance to fixings</b> <i>(only for panels intended for uses subject to requirements against accidental fall of objects on to transit areas)</i>	
	<b>Thermal shock resistance</b> <i>(where relevant, according to material)</i>	
	<b>Flexural tensile strength</b> <i>(including resistance to wind load) (for panels intended for suspended ceilings)</i>	
5	<b>Direct airborne sound insulation</b> <i>(in end use conditions) / [eg density]</i> <i>(only for panels intended for uses in walls/ceilings subject to acoustic insulation requirements)</i>	
6	<b>Thermal resistance/[eg density]</b> <i>(only for panels intended for uses in walls/ceilings subject to thermal insulation requirements)</i>	

\* in particular, those dangerous substances defined in Council Directive 76/769/EEC, as amended.

### Subfamily

#### 13.- ANCILLARY PRODUCTS FOR EXTERNAL FINISHES IN WALLS AND CEILINGS (except those for wood-based panels and plasterboards presented in the relevant mandates)

##### 13 A.-Featured profiles

**Profiles intended for supporting external wall and ceiling finishes.**

##### 13 B.-Suspending frames

**Kits of sections used to form the supporting structure for suspended ceilings where the panels may or may not conceal the frame**

Characteristics of the ANCILLARY PRODUCTS FOR EXTERNAL FINISHES IN WALLS AND CEILINGS to be covered by the harmonised standard will be:

E R	PERFORMANCE CHARACTERISTIC	Durability
1		
2	<b>Reaction to fire</b> <i>(for feature profiles and suspending frames intended for use in situations exposed to fire on walls/ceilings subject to fire regulations)</i>	<b>Y</b>
3		<i>(Against UV, ..., as relevant)</i>
4	<b>Load bearing capacity</b> <i>(only for suspending frames in suspended ceilings)</i> <b>Resistance to fixings</b> <i>(as relevant for profiles/ frames with associated fixings)</i>	
5		
6		

#### 14 - SUSPENDED CEILINGS (kits)

Composed of ceiling tiles or panels and relevant suspending frame.

Characteristics of the SUSPENDED CEILINGS FOR EXTERNAL USES to be covered by the harmonised standard will be:

E R	PERFORMANCE CHARACTERISTIC	Durability
1		
2	<b>Reaction to fire</b> <i>(only for suspended ceilings intended for uses subject to reaction to fire regulations)</i> <b>Fire resistance</b> <i>(only for suspended ceilings intended for fire protection)</i>	
3	<b>Emission of radioactivity</b> <i>(where relevant, according to material)</i> <b>Release of asbestos (content)</b> <i>(only for suspended ceilings with tiles or panels of fibre</i>	



cement)

**Release of other dangerous substances** \* (as relevant)

**Water permeability** (only for *suspended ceilings* intended for uses on ceilings subject to water penetration requirements)

- 4 **Shatter properties (Safe breakability)** (only for *suspended ceilings* with tiles or panels of brittle materials intended for uses subject to requirements against accidental injuries from cutting objects) **Y**

**Flexural tensile strength** (only for *the panels* or tiles of the kit)

**Load bearing capacity** (only for *the suspending frames of the kit*)

**Resistance to fixings** (as relevant for *kits with associated fixings*)

- 5 **Direct airborne sound insulation** (in end use conditions) / [eg density] (only for *suspended ceilings* intended for uses in walls/ceilings subject to acoustic insulation requirements))

- 6 **Thermal resistance** / [eg density] (only for *suspended ceilings* intended for uses in walls/ceilings subject to thermal insulation requirements)

\* in particular, those dangerous substances defined in Council Directive 76/769/EEC, as amended.

## ANNEX 3

### ATTESTATION OF CONFORMITY

Product family :

**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.

Product family :

## INTERNAL AND EXTERNAL WALL AND CEILING FINISHES (1/5)

### 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**.

CEN/CENELEC is 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 STANDARDS to be developed under this mandate.

1.2 Reaction to fire and resistance to fire are risks for which the need for a classification 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) (fire resistance)	Attestation of conformity system(s)
<b>Panels</b>	as internal or external finishes, as complete elements, used for fire protection of walls or ceilings	any	<b>3</b>
<b>Suspended ceilings (kits)</b>	as internal or external finishes used for fire protection of ceilings		

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 Article 2.1 of the CPD and, where applicable, 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 under system 3, regarding the initial type testing of the product (to be required by the manufacturer in case of system 3) [see Annex III.1.a) of the CPD], the task for the approved laboratory will be limited to the assessment of the following characteristics:

### - Fire resistance

Product family :

## INTERNAL AND EXTERNAL WALL AND CEILING FINISHES (2/5)

### 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 for other characteristics than **reaction to fire** and **fire resistance**.

1.2 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) <i>(Reaction to fire)</i>	Attestation of conformity system(s)
<b>Panels</b>	as internal or external stiffening elements in walls or ceilings		
<b>Tiles</b>	as internal or external finishes in walls or ceilings subject to requirements against accidental injuries from cutting objects		
<b>Panels</b> <i>(of brittle materials)</i>	as internal or external finish in ceilings subject to safety in use requirements	---	<b>3</b>
<b>Suspended ceilings (kits)</b>	in internal or external suspended ceilings subject to safety in use requirements		
<b>Tiles</b>	to support internal or external wall or ceiling finishes and suspended ceilings subject to safety in use requirements		
<b>Panels</b>			
<b>Featured profiles</b>			
<b>Suspending frames</b>			

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 Article 2.1 of the CPD and, where applicable, 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 under system 3, regarding the initial type testing of the product (to be required by the manufacturer in case of system 3) [see Annex III.1.a) of the CPD], the task for the approved laboratory will be limited to the assessment of the following characteristics:

*For panels with stiffening function:*

- **Racking strength**

*For featured profiles and suspending frames:*

- **Load-bearing capacity**

*For panels and tiles of brittle materials in walls or ceilings subject to requirements against accidental injuries from cutting objects:*

- **Shatter properties (safe breakability)**

*For panels and tiles for suspended ceiling:*

- **Flexural tensile strength**

For suspended ceilings (kits):

- **Flexural tensile strength** (of panels or tiles)
- **Load-bearing capacity** (of suspended frames)

Product family :

## INTERNAL AND EXTERNAL WALL AND CEILING FINISHES (3/5)

### 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**. 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 "Horizontal complement to the 33 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 one performance characteristic for which the need for a classification system for products 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) ( <i>Reaction to fire</i> )	Attestation of conformity system(s)
<b>Coverings in roll form</b>	as internal finishes in walls or ceilings	A <sup>(*)</sup> , B <sup>(*)</sup> and C <sup>(*)</sup>	<b>1</b>
<b>Linings</b>	subject to reaction to fire regulations		
<b>Shingles</b>	as external finishes in walls or ceilings		
<b>Cladding slabs</b>	subject to reaction to fire regulations		
<b>Suspended ceilings (kits)</b>	as internal or external finish in ceilings	A <sup>(**)</sup> , B <sup>(**)</sup> and C <sup>(**)</sup>	<b>3</b>
<b>Tiles</b>	subject to reaction to fire regulations		
<b>Sidings</b>	as internal or external finishes in walls or ceilings		
<b>Panels</b>	subject to reaction to fire regulations		
<b>Featured profiles</b>	to support internal or external wall or ceiling finishes, or suspended ceilings,	A (without testing), D, E and F	<b>4</b>
<b>Suspending frames</b>	subject to reaction to fire regulations		

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 Article 2.1 of the CPD and, where applicable, 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 under systems 1 and 3, regarding the initial type testing of the product (to be required by the manufacturer in case of system 3) [see Annex III.1.a) of the CPD], the task for the approved laboratory will be limited to the assessment of the following characteristics:

- **Euroclass characteristics for reaction to fire**, as indicated in the Commission Decision 94/611/EC

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

- **Euroclass characteristics for reaction to fire**, as indicated in the Commission Decision 94/611/EC

3.5 For products under systems 1, for the initial inspection of the factory and of the factory production control [see Annex III.1.f) of the CPD], only parameters related to the following characteristics shall be of the interest of the approved body.

- **Euroclass characteristics for reaction to fire**, as indicated in the Commission Decision 94/611/EC

Product family :

## INTERNAL AND EXTERNAL WALL AND CEILING FINISHES (4/5)

### 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 for other characteristics than **reaction to fire** and **fire resistance**.

1.2 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>Suspended ceilings (kits)</b>	as internal or external finishes in walls or ceilings subject to regulations on dangerous substances *		
<b>Tiles</b>	as internal or external finishes in walls or ceilings, as relevant, subject to regulations on dangerous substances *	-	<b>3</b>
<b>Shingles</b>			
<b>Sidings</b>			
<b>Cladding slabs</b>			
<b>Panels</b>			

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

\* in particular, those dangerous substances defined in Council Directive 76/769/EEC, as amended.

## 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 Article 2.1 of the CPD and, where applicable, 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 under system 3, regarding the initial type testing of the product (to be required by the manufacturer in case of system 3) [see Annex III.1.a) of the CPD], the task for the approved laboratory will be limited to the assessment of the following characteristics:

### - Release of dangerous substances \* (content)

Product family :

## INTERNAL AND EXTERNAL WALL AND CEILING FINISHES (5/5)

### 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 for other characteristics than **reaction to fire** and **fire resistance**.

1.2 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) (Reaction to fire)	Attestation of conformity system(s)
<b>Suspended ceilings (kits)</b>	as internal or external finish in ceilings for other uses mentioned in the mandate		
<b>Wall coverings in roll form</b> <b>Ceiling linings</b> <b>Tiles</b> <b>Shingles</b> <b>Sidings</b> <b>Cladding slabs</b> <b>Panels</b> <b>Featured profiles</b> <b>Suspending frames</b>	as internal or external finishes in walls or ceilings for other uses mentioned in the mandate <sup>11</sup>  to support internal or external wall or ceiling finishes, or suspended ceilings, for other uses mentioned in the mandate <sup>11</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 Article 2.1 of the CPD and, where applicable, 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.

# ANNEX 4

## DANGEROUS SUBSTANCES

### INTERNAL AND EXTERNAL WALL AND CEILING FINISHES

European technical specifications must be adopted taking into account necessary legislation on substances classified as dangerous.

This results from the Interpretative Documents, where it is noted, in the introduction note to all six of them, that:  
*"Concerning dangerous substances which are in construction products, classes and/or levels of performance to which technical specifications will refer, shall allow the levels of protection needed by the works to be guaranteed, taking into account the purpose of the works."*

In addition, outside the scope of the Directive, writers of technical specifications must take into account legislation which affects materials to be used for construction products and which are regulated for reasons not related to the incorporation of the construction products into the works.

In order to permit technical specifications writers to take into account the necessary legislation, a working document was elaborated by the Commission services (doc. CONSTRUCT 95/148 Rev. 1 of January 4, 1996). Specification writers should use this document as a guide but must also take account of any other relevant or dangerous substances which the working document does not yet include.