

## **MANDATES UNDER THE CONSTRUCTION PRODUCTS DIRECTIVE ADDRESSED TO CEN/CENELEC**

### **PART A: INFORMATION FOR CEN/CENELEC TECHN. COMMITTEES ON EXISTING PROCEDURES FOR THE PREPARATION OF THE MANDATES**

#### **0. Introduction**

In the framework of the Construction Products Directive (CPD), the services of DG III / D-3 of the European Commission are responsible for the preparation of the mandates.

Note: Older product mandates issued until 1991 have only a provisional character, and they are to be seen as contracts (order vouchers) permitting the financing of the standardisation work. They cannot lead to standards allowing for the CE marking of the products.

#### **1. Contents of the mandate**

1.1 Product mandates are currently being proposed based on the concept of product families. Each mandate consists of a basic common text divided in four chapters:

- Foreword
- I. Grounds
- II. Execution of the mandate (provisions regarding the contents of the work programme and procedural steps until the publication of the harmonized standard)
- III. Standardisation mandate (provisions regarding the contents of the harmonized standards including those related to levels and/or classes)

1.2 Each mandate is completed by specific annexes containing:

- Annex 1: field of application of the mandate (identification of end uses, forms, materials, and products)
- Annex 2: technical terms of reference  
list of products (with description for better identification) and tables (with indication of the intended uses) containing the ess. characteristics and durability requirements.
- Annex 3: attestation of conformity  
contains the decision on the systems to be applied for the products under the mandate, according to intended uses (in relation to harmonized levels and/or classes, where appropriate).
- Annex 4: information on national and European legislation on dangerous substances to be taken into account by the standards writers.

## **2. Procedure for the preparation of mandates**

This procedure is illustrated in the flowchart in Annex 1. The following steps are followed:

### **2.1 Consultation with experts - Identification of products and related ess. characteristics (STEP 1)**

The services of the Commission (DG III/D-3) determine (under the application of certain criteria) the families of products to be mandated.

The preparation of the first draft is made by the Commission services (DG III/D-3), supported by the Experts Group on Mandates (EGM). The Chairman/Secretary of the involved TC (or experts working actively in the relevant CEN/CENELEC TCs) are asked to participate in the meeting.

The contents of Annex 1 of the mandate is discussed in a preliminary way and improved during the EGM meeting. A proposal for the content of Annex 2 is prepared by identifying the relevant sub-families (indicating name and brief description) and connecting each subfamily with the relevant ess. characteristics (i.e. the performance characteristics for the products which enable the works to satisfy the Ess. Requirements) using the Interpretative Documents. At this stage the representatives of the TCs should provide to Commission also with the terminology used in their TCs in the available languages.

Where the Commission's services consider necessary, experts from the Regulatory Authorities of the Member States could be asked for their opinion before the draft is sent out to the Member States for written consultation.

### **2.2 Written consultation with the Member States (STEP 2)**

The draft mandate, prepared as above, is then sent from the Commission to the Member States for a written consultation procedure. The aim of this step is to verify with the Member States the essential characteristics of the product and their justification by their existence in the national regulations of the Member States.

The authorities of the Member States at this stage collect reactions and suggestions at national level coming from regulators, industry and other interested parties and transmit their comments to the Commission.

### **2.3 Consultation with the Preparatory Group (STEP 3)**

The draft mandate is amended, if necessary, after the receipt of the comments of the Member States resulting from the written consultation procedure, and then sent out to the national delegations in the Preparatory Group. A first draft for the proposal of Decision on attestation of conformity is also presented for consultation. These drafts are sent to CEN/CENELEC for information.

The comments/proposals received by the Commission services are circulated before the meeting of the Preparatory Group where they are examined. The discussions concentrate on the full coverage of products, intended uses, ess. characteristics, levels and/or classes, where appropriate, and the systems of attestation of conformity to be applied for each product. The Preparatory Group may hold, if absolutely necessary, two meetings.

### **2.4 Approval of the mandate and the proposal for a Decision on attestation of conformity (STEP 4)**

The draft mandate amended by the Commission services after the above discussions in the Preparatory Group is submitted, along with the proposal for a Decision on attestation of conformity to the delegations of the Member States in the Standing Committee on Construction (in parallel the CEN/CS or CENELEC/CS sends this final proposal to the relevant TC for information).

Before expressing a national position, national delegates may have meetings at national level to consult the representatives of the main involved parties.

Experts participating in the CEN/CENELEC TCs should keep contacts with the national delegates in the Standing Committee on Construction and give them their comments on this last draft of the mandate.

After a discussion in the Standing Committee on Construction, usually based on technical, regulatory and political/strategical elements, the Committee delivers its opinion on the mandate, and votes (according to Art 20.2.a of the CPD) on the proposal for the system of attestation of conformity to be included in the Commission's Decision.

The mandate is then presented to the Standing Committee 83/189/EEC (Notifications Committee) for consideration.

After obtaining the positive opinion of the Standing Committee 83/189/EEC, the Commission considers the mandate as ready to be sent to CEN.

## **2.5 Issue of the mandate to CEN/CENELEC and preparation of the work programme (STEP 5)**

The mandate is then issued to CEN/CENELEC. The Central Secretariat then transmits a copy to the potentially affected TCs in order to prepare a programme of work in line with the mandate. This work programme is prepared by the TCs in co-operation with CEN/CS and is examined by the CEN consultant on construction, for any omissions and duplications.

The items on which the TCs must pay a special attention while drafting their work programme as an answer to the mandate are covered in Part B of this paper.

While preparing this programme the TCs may express their remarks (e.g. on the target dates and any technical difficulties existing). If a TC declares that it is not capable of developing a programme of work to cover the requirements of the mandate, the Commission may reconsider the mandate in question and examine other possible solutions (e.g. transfer a part of, or the whole mandate to EOTA).

The work programme is then sent to the Commission services for examination.

## **2.6 Acceptance of the work programme by the services of the Commission and acceptance of the mandate by CEN/CENELEC (STEP 6)**

After discussions between Commission and CEN/CENELEC the work programme is amended (if needed) in order to assure that the various points of the mandate are covered. The finalised work programme is then endorsed by the Commission and then CEN can accept to provide work under the mandate.

The Annex 2 of this paper includes the related BTS1 Resolutions on the subject.

## **PART B: PREPARATION OF THE ANSWER TO THE MANDATES BY THE TCs**

### **1. Procedure for the preparation of the TCs answer**

1.1 After receiving a mandate from the Commission, the Central Secretariat forwards it to the potentially affected TCs with a request to prepare an answer to this mandate. It should be mentioned that these TCs will have already been informed on the developments on the content of the mandate by the procedure as in point 2.4 of the Part A above.

1.2 The TCs must have a flexible mechanism in order to be able to respond in time to the mandate and to give the necessary clarifications and additional information to questions which may arise during and after the preparation of the answer (therefore e.g. they should examine the possibility of the creation of a special small drafting panel or otherwise).

1.3 The TCs affected by the mandate shall also communicate with those other TCs (e.g. TC 127 Fire Safety), which are preparing standards which will be used as reference in the work of these TCs, in order to better co-ordinate their response to the mandate.

1.4 All necessary meetings for the complete and prompt answer shall be organised between the TCs affected by the mandate, the CEN consultant and CEN/CENELEC/CS.

The convening authority shall lay within the TCs whose work programme is most affected by the mandate.

### **2. Particular points to which the TCs need to pay attention when preparing their answer**

2.1 Specific details and principles concerning the contents of the CEN answer to the mandate are included in the mandate itself. Therefore it is very important that the whole text of the mandate is carefully studied by the affected TCs. Particular attention must be paid to the points of the mandate concerning the preparation of the CEN answer and execution of the mandate.

2.2 The TC must clearly show in its answer that all aspects required by the mandate are addressed by the proposed work programme corresponding to the mandate, e.g.: intended uses, ess. characteristics, evaluation of conformity including factory production control, etc.

Requirements of the mandate which cannot be addressed by the work of the CEN/TC (e.g. when a supporting standard does not exist), or for which a new work item is necessary, need to be clearly stated in the answer of the Technical Committee(s) involved, because the Commission needs to know if the standards can address these issues or not.

2.3 Any aspects required by the mandate where a performance approach is not practicable should be indicated by the TC in the work programme prepared as an answer to the mandate with sufficient justification.

2.4 The test methods to determine the ess. characteristics mentioned in the mandates must be in accordance with the harmonisation aimed at. In general, only one test method should be referred to for the determination of each of these characteristics.

If, however, more than one test method needs to be referred to for the determination of the same characteristic, for a given product or family of products, the situation must be explained and the reasons must be given in detail.

In this case, these test methods should be clearly linked with the conjunction "or" and indications of their application, in the sense mentioned above, should be given. The values declared by the manufacturer and linked to the CE marking will, in these cases, include information on the test method used.

In any other case, two or more test methods for the determination of one characteristic could be accepted only if a correlation between them exists, or can be developed, in order to avoid to oblige the manufacturer to submit its products to multiple testing.

2.5 Durability requirements are related to the ess. characteristics identified in the mandate and should be dealt with in the framework provided by the present state of the art. Therefore the technical specification writers should use

material and knowledge already existing. Any other option risks to slow down considerably the availability of harmonized standards.

2.6 The system of attestation of conformity to be applied for the products is given in the relevant Annex 3 to the mandate. It is also published later in the Official journal of the European Communities as a Decision of the Commission taken according to the procedure mentioned in Art. 20 of the CPD.

The above provisions must be taken into account by the TCs for the preparation of the evaluation of conformity clauses which will be included in the harmonized standard (or in the harmonized part thereof).

2.7 Standards prepared for products outside the mandate will not reach the status of harmonised standards. In addition to the provisions of Art. 4.1 of the CPD, it must be taken into account that for all products in the mandate, a system of attestation of conformity is included, in accordance with the relevant Decision of the Commission. For products not included in the mandate, such a system is not given.

2.8 The work programme shall include particularly the aspects mentioned in clause II.2 of the mandate.

2.9 Consistency with the whole package of standards in the field concerned shall be ensured (clause III.4 of the mandate).

### **3. Presentation of the TCs answer to the mandate**

3.1 The TC must respect the time limits given in the relevant mandate (clause II.1 of the mandate) and also take into account the time necessary for clarification after the examination of the first draft answer by the CEN consultant.

3.2 The identification of the harmonised standards (products standards only) to be developed by the TCs as a response to the mandate must be clear and should indicate the name(s) of the product(s) and define the scope, the intended use(s), as indicated in the Annexes 2 and 3 of the mandate, the form(s) and the material(s) to be covered (clause II.2 of the mandate).

The date of finalization of each harmonized standard should be justified (clause II.2 of the mandate).

3.3 Clear differentiation should be made between the item to become the harmonised standard for the product and the items to be used as supporting documents.

When making reference to a characteristic required by the mandate the name of the relevant characteristic must be stated for clarity and quicker understanding.

3.4 Any proposals for the addition of products, intended uses and forms not specifically included in the mandate, but considered relevant by the TC, should be presented separately for further analysis by the Commission services (clause II.5 of the mandate).

This opportunity left to the TCs for clarification should not be misunderstood as a possibility to reopen discussion on a final mandate already discussed by the competent regulatory authorities of the Member States at the appropriate steps, as mentioned in detail in Part A of this document.

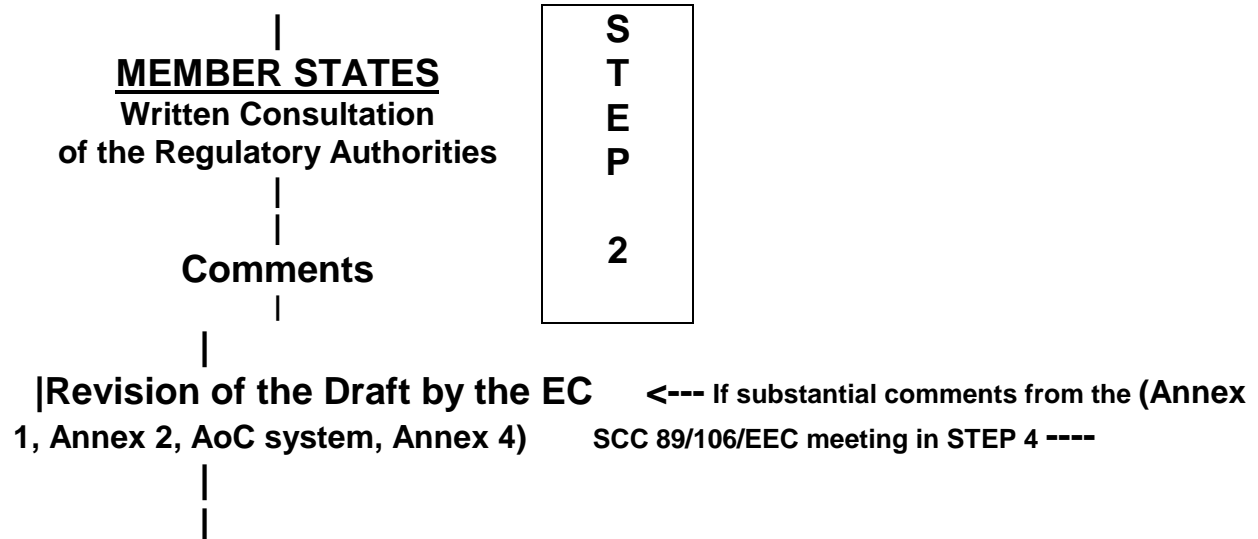
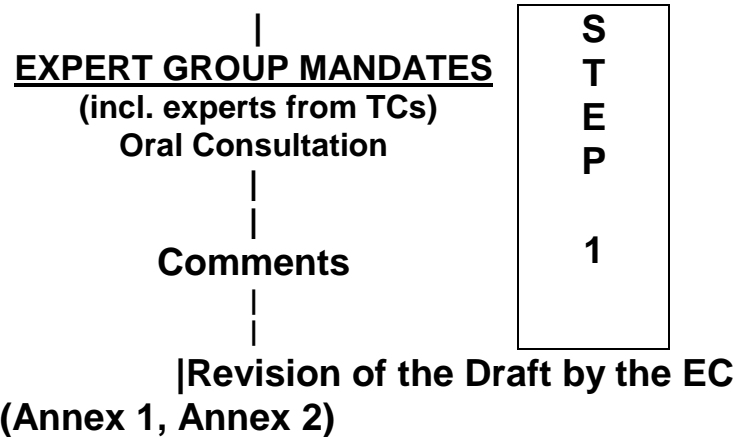
3.5 The work programme should be presented according to the format prepared jointly by CEN/CS, the Commission's services and the CEN consultant for construction. An example of this format is included in the Annex 3 of the present document. It is comprised of the information necessary to cover the requirements of the mandate in the form of a list of work items accompanied by the necessary information and explanations and a summary table for each family or subfamily of products.

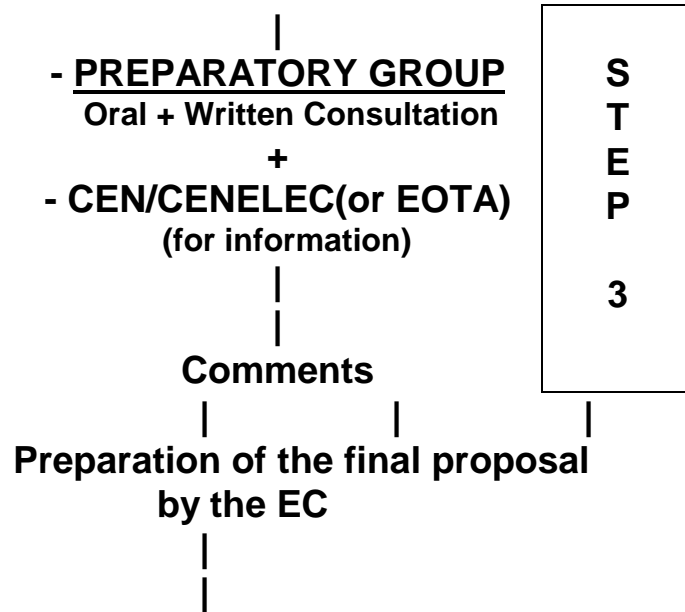
3.6 It is very important for the mutual understanding of all parties concerned that the TCs add to the work programme they will prepare as an answer to the mandate, the latest available drafts of the product standards and those of the supporting standards they mention in their proposal.

These specifications will provide the basis for the Commission's examination and agreement of the work programme.

## ANNEX 1: STEPS FOR THE PREPARATION OF THE MANDATES

Preparation of the 1st draft  
by the EC





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- ST. COMMIT. 89/106/EEC
  - opinion on the mandate
  - vote on the AoC procedures
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  - CEN/CENELEC (or EOTA) (for information)
- +
  - ST. COMMIT. 98/34/EEC

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----(If substantial comments from the Member States then back to STEP 3)-->-->

EC officially issues the mandate

**CEN/CENELEC (or EOTA)**

1. Receipt and distribution to the affected TCs.
2. TCs prepare a work programme in answer to the mandate.
3. The CEN Consultant examines the work programme for its compliance with the mandate. (not in the case of EOTA mandates)

## STEP 5

**EC**  
**Examination, modification and  
endorsement of the work  
programme**

**CEN/CENELEC (or EOTA)**  
**Concludes the contract for the  
mandate**

## STEP 6



## **ANNEX 2: RELATED BTS1 RESOLUTIONS**

### **RESOLUTION BTS1 48/1995**

Subject: CEN response to mandates under the Construction Products Directive

BTS1 asks all CEN/TCs to consider the preparation of a draft work programme in response to expected mandates from the Commission. This work should be started as soon as informal information on the contents of the mandate is available, without awaiting the transmission of the formal mandate from the Commission to CEN. The maximum time for submission of the proposed work programme by the CEN/TCs, following receipt of the formal mandate, is two months.

### **RESOLUTION BTS1 79/1995**

Subject: BTS1 AH7 meeting report

BTS1

- a) Requests the CEN/TCs to use a standard format when answering to the Commission mandates. The format, accepted by the Commission, shall be based on the one used for Mandate M/101.
- b) Requests the CEN/TC Secretaries to address the answers to the mandates directly to Mr. Luc Brocart, the CEN Consultant, who will examine their contents before their final submission to the Commission by CEN/CS. Any modifications shall be done by the CEN/TC Secretariat.
- c) Requests the CEN/TC Secretariats to prepare the answers to the mandates as per BTS1 Res. 48/1995 and to involve the CEN/TC in this preparation.
- d) Requests the Member Bodies to keep closer contacts with the sub-contracted organizations, holding CEN/TC Secretariats, in order not to slow down the standardization process.

**ANNEX 3 : MODEL OF THE CEN/TC WORK PROGRAMME AS  
AN ANSWER TO THE MANDATE**

***NOTE: The following text is given only as an example in order to help the TCs in the formulation of the answer to the mandate received.***

## **CONTENTS OF THE CEN/TC WORK PROGRAMME AS AN ANSWER TO THE MANDATE**

### **0. GENERAL COMMENTS OF THE TC**

#### **A. 1st PRODUCT FAMILY (e.g. Doors)**

##### **A.1 1st Product (e.g. all doors except glass-doors)**

- A.1.1 Harmonised product standard
- A.1.2 Supporting standards
- A.1.3 Additional information comments and remarks

##### **A.2 2nd Product (e.g. glass-doors)**

- A.2.1 Harmonised product standard
- A.2.2 Supporting standards
- A.2.3 Additional information comments and remarks

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##### **A.n nth Product of the 1st family**

- A.n.1 Harmonised product standard
- A.n.2 Supporting standards
- A.n.3 Additional information comments and remarks

#### **B. 2nd PRODUCT FAMILY (e.g. Windows)**

##### **B.1 1st Product**

- B.1.1 Harmonised product standard
- B.1.2 Supporting standards
- B.1.3 Additional information comments and remarks

##### **B.2 2nd Product**

- B.2.1 Harmonised product standard
- B.2.2 Supporting standards
- B.2.3 Additional information comments and remarks

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##### **B.m mth Product of the 2nd family**

- B.m.1 Harmonised product standard
- B.m.2 Supporting standards
- B.m.3 Additional information comments and remarks

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#### **X.th PRODUCT FAMILY**

##### **X.1 1st Product**

- X.1.1 Harmonised product standard
- B.1.2 Supporting standards
- B.1.3 Additional information comments and remarks

##### **X.2 2nd Product**

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##### **X.r rth Product of the Xth family**

#### **SUMMARY TABLES FOR EACH PRODUCT**

#### **DRAFTS OF THE PRODUCT STANDARDS AND THE SUPPORTING STANDARDS**

## **MANDATE ON DOORS AND WINDOWS**

### **ANSWER PREPARED BY CEN/TC: 33**

#### **0. GENERAL COMMENTS OF THE CEN/TC RELATED TO THE ANSWER TO THE MANDATE**

1. Requests for clarification on the scope of the mandate concerning the product and allocation of work:

*(NOTE: If necessary, the TCs shall request here clarification on the products and materials included in the scope of the mandate)*

2. Requests for clarification on the intended uses:

*(NOTE: If necessary, the TCs shall request here clarification on the intended uses of the products included in the mandate)*

3. Information on products under the scope of the mandate which are the subject of other CEN/TCs - Information on the organisation of the work between the TCs.

4. Information on issues concerning the scope and intended uses included in the mandate, for which no work has yet been started in the TC, or for which the TC cannot provide a standard.

*(NOTE: The TCs shall give here relevant information on the feasibility of the European standard with a timetable. If a European standard cannot be elaborated the TC shall provide detailed justification)*

5. Specific Requests for additions to the mandate of products, materials, intended uses, ess. characteristics, etc.:

*(NOTE: The TCs will provide the necessary information with explanations and justification)*

6. Liaison with other TCs for certain horizontal tests - Information on the organisation of the work between the TCs.

7. Other issues which the TC considers necessary for the comprehension of the answer to the mandate.

#### **A. DOORS**

## **A.1. All doors except glass-doors**

### **A.1.1 Harmonized product standard:**

**WI 00033233** (under preparation by TC 33)

### **Availability:**

**1999-12**

**(i) Title: Internal and External doors - Specifications - Classification by families according to the intended uses .**

**(ii) Scope:** This is a performance standard that applies to simple manually ad power operated side hung doors and related hardware, with or without incorporated shutters and blinds, placed on the market with or without their frames, **except those mentioned below**. They may be partially glazed or unglazed and ready to be installed in vertical wall apertures.

This standard **does not include:** - glass doors

- doors with plastic glazing,

- trap doors and roof doors.

*(NOTE: The TCs shall include in the scope information about the products and the materials included and excluded from the standard in relation to the mandate)*

**(iii) Int. uses:** External and internal doors, used for fire compartmentation, landing and communication, in domestic and commercial locations.

**(iv) The ess. characteristics according to the mandate which will be dealt with in the above standard will be:**

#### **For all doors:**

1. Rate of release of dangerous substances (only for indoor impact)
2. Impact resistance (only for glazed doors with injury risks)
3. Height
4. Direct airborne sound insulation index (only for uses where acoustic performance is required)

#### **Additionally for doors used for fire compartmentation:**

5. Resistance to fire E (integrity) and I (insulation)
6. Smoke leakage S (only for applications where limitation of smoke spread is required)
7. Self closing C (only for self closing fire doors)
8. Ability to release (only for locked doors in escape routes)

#### **Additionally for external doors:**

9. Water tightness
10. Resistance to wind load
11. Thermal resistance *(only for uses where thermal performance is required)*
12. Air permeability *(only for uses where thermal performance is required)*

**Additionally for internal landing communication doors and special uses:**

13. Operating forces (safety in use- *only for automatic devices*)

**(v) Durability aspects:**

- 14. Durability of self closing C and ability to release against ageing/degradation
- 15. Durability of water tightness against UV action (only for plastics), weathering and ageing / degradation.
- 16. Durability of thermal resistance against UV action (only for plastics), weathering and ageing / degradation.
- 17. Durability of air permeability against UV action (only for plastics), weathering and ageing / degradation.
- 18. Durability of operating forces against ageing / degradation

**(vi) Other aspects**

The harmonized product standard will also contain:

- the classification system for the characteristic:

**- Resistance to Fire**

as required by the Annex 3 of the mandate (or a reference to the EN containing this classification)

- references to other Directives and compliance conditions applying to the product.
- a reference to the Commission's Decision on attestation of conformity
- clauses on evaluation of conformity (including factory production control and supporting standards)
- guidance on the characteristics to be stated in the labelling accompanying the CE-marking and on the way of expressing the determined values of these characteristics.

**A.1.2 Supporting standards**

The following work items, prENs or ENs are proposed as test or calculation methods for the determination of the ess. characteristics required by the mandate and indicated in clause A.1.1(iv) and A.1.1(v) above:

*(NOTE 1: These supporting standards are the standards which are necessary to support the harmonized product standard.*

*In some cases reference may need to be made to other product standards where specifications and test methods are found. This applies in particular to the durability aspects which may be material specific).*

*(NOTE 2: Where the supporting standards also include other issues than those of interest, then the relevant clauses must be indicated)*

**1. Rate of release of dangerous substances (only for indoor impact)**

No information concerning the substances to be taken into account is included in the mandate at present on this subject.

The issue will be addressed by the TC in detail later, after the finalization of the Annex 4 of the Mandate and relevant requirements of the Commission.

## 2. Impact resistance (glazed doors with injury risks)

WI 00129021

1997-06

Glass in building - Pendulum test - Impact and performance requirements  
-Paragraphs xy, yz, etc.

## 3. Height

prEN 951-1 (under preparation by TC 33)

1995-12

Height, width, thickness and squareness - Measurement method - Part 1: Door leaves  
(En 25:1975 Rev), Paragraphs xy, yz, etc.

## 4. Direct airborne sound insulation index (only for uses where acoustic performance is required)

EN 20140-3

Available

Acoustics - Measurement of sound insulation in buildings and of building elements - Part 3: Laboratory measurements of airborne sound insulation of building elements (ISO 140-3:1995) - Paragraphs xy, yz, etc.

prEN 20717-1 (under preparation by TC 126)

1997-12

Acoustics - Rating of sound insulation of buildings and of building elements - Part 1: Airborne sound insulation in buildings and of interior building elements (ISO/DIS 717-1:1993) - Paragraphs xy, yz, etc.

## 5. Resistance to fire E (integrity) and I (insulation)

prEN 1634-1 (under preparation by TC 127)

1997-06

Fire testing of door and shutter assemblies - Part 1: Method of test for fire resistance of fire doors and shutters

## 6. Smoke leakage S (only for applications where limitation of smoke spread is required)

WI 00127052 (under preparation by TC 127)

1997-06

Fire resistance - Doors and shutter assemblies - Part 3: Smoke control doors

7. Self closing C (only for self closing fire doors)

prEN 1154 (under preparation by TC 33) 1996-09  
Building hardware - Controlled door closing devices - Specifications and test methods, paragraphs : 6 - 7.1 - 7.2 - 7.3 - 7.4 .

prEN 1155 (under preparation by TC 33) 1996-09  
Building hardware - Electrically powered hold-open devices - Specifications and test methods  
paragraphs : 6 - 7.1 - 7.2 - 7.3 .

prEN 1158 (under preparation by TC 33) 1996-09  
Building hardware - Door coordinator devices - Specifications and test methods  
paragraphs : 6 - 7.1 - 7.2 - 7.3 .

prEN 1906 (under preparation by TC 33) 1998-03  
Building hardware - Lever handles and knobs - Requirements and test methods

8. Ability to release (only for locked doors in escape routes)

prEN 1125 (under preparation by TC 33) 1996-03  
Building hardware - Exit devices - Panic devices operated by a horizontal bar - Specifications and test methods, paragraphs: 5 - 6.1 - 6.2 - 6.3 .

prEN 179 (under preparation by TC 33) 1996-03  
Building hardware - Exit devices - Emergency devices operated by a lever handle or push pad - Specifications and test methods, paragraphs : 5 - 6.1 - 6.2 - 6.3 .

WI 00033111 1998-09  
Building hardware - Exit devices - Electric / electronic electromechanical panic devices, paragraphs : 5 - 6.1 - 6.2 .

WI 00033249 1998-09  
Building hardware - Powered pedestrian doors - Part 2: Safety at powered pedestrian doors

9. Water tightness

prEN 1027 (under preparation by TC 33) 1998-06  
Windows and doors - Watertightness - Test method

10. Resistance to wind load

WI 00033136 1998-03  
Resistance to wind load - Test method - Part 1: For windows and doors



### 11. Thermal resistance

prEN 30077 (under preparation by TC 89) 1996-03  
Windows, doors and shutters - Thermal transmittance - Calculation method (ISO/DIS 10077:1993) , Paragraphs xy, yz, etc.

WI 00089023 1997-12  
Windows and doors - Thermal transmittance - Calibrated and guarded hot box method

### 12. Air permeability

prEN 1026 (under preparation by TC 33) 1998-06  
Windows and doors - Air permeability - Test method

### 13. Operating forces (safety in use) (only for automatic devices)

**There is no work in CEN on this subject for the moment. See comments in A.1.3.5 below.**

WI 00033XYZ (new work item to be included in the work progr. of TC33) 1999-12  
Doors - operating forces for safety in use - Test methods.

### 14. Durability of self closing C and ability to release against ageing / degradation

prEN 1670 (under preparation by TC 33) 1997-06  
Building hardware - Corrosion resistance of hardware for doors, windows, shutters and curtain walling - Requirements and test methods, Paragraphs xy, yz, etc.

### 15. Durability of water tightness against ageing / degradation, weathering and UV action

prEN 1027 (under preparation by TC 33) 1998-06  
Windows and doors - Watertightness - Test method

prEN 1191 (under preparation by TC 33) 1996-09  
Windows and doors - Resistance to repeated opening and closing - Test method

**For durability against weathering and UV action, see comments in A.1.3.6 below.**

### 16. Durability of the thermal resistance of doors against UV action, weathering, ageing / degradation

**For durability against weathering and UV action, and ageing/degradation see comments in A.1.3.6 below.**

17. Durability of air permeability against UV action, weathering, ageing / degradation

prEN 1026 (under preparation by TC 33) 1998-06

Windows and doors - Air permeability - Test method

prEN 1191 (under preparation by TC 33) 1996-09

Windows and doors - Resistance to repeated opening and closing - Test method

**For durability against weathering and UV action, see comments in A.1.3.6 below.**

18. Durability of operating forces against ageing/degradation

prEN 1670 (under preparation by TC 33) 1997-06

Building hardware - Corrosion resistance of hardware for doors, windows, shutters and curtain walling - Requirements and test methods

19. Other supporting standards

Title:

Availability:

*(NOTE: e.g. test standards required in the Factory Production Control clauses of the standard)*

**A.1.3 Additional information, comments and remarks**

*(concerning only the specific product under A.1. in this case)*

1. Deviations from a performance approach in the product standard mentioned in the A.1 above and/or in supporting standards.

*(NOTE: The TCs shall give here information on aspects required by the mandate where a performance approach cannot be followed and provide for each a detailed justification)*

2. Requests for clarification on the scope of the mandate concerning the product under A.1.

*(NOTE: If necessary, the TCs shall request here clarification on the products and materials included in the scope of the mandate)*

3. Requests for clarification on the intended uses concerning the product under A.1:

*(NOTE: If necessary, the TCs shall request here clarification on the intended uses included in the mandate)*

4. Requests for clarification on the ess. characteristics for the intended uses included in the mandate concerning the product under A.1:

*(NOTE: If necessary, the TCs shall request here clarification on the ess. characteristics of the products and the intended uses included in the mandate)*

5. Information on ess. characteristics required by the mandate concerning the product under A.1, for which no work has yet been started in the TC, or for which the TC cannot provide a standard:

*(NOTE: The TCs shall give here relevant information on the feasibility of the standard with a timetable. If a standard cannot be elaborated the TC shall provide detailed justification)*

6. Explanation of the state of the art concerning durability issues:

e.g. Durability of water tightness, air permeability and thermal resistance against UV action and weathering is not tested on the doors, but results from the compliance of the constituting materials to the state of the art or where available to ENs specifying the material.

*(NOTE: The TCs will provide here information on issues related to durability requirements included in the mandate. They will refer to the state of the art on durability testing and of the feasibility of standards to cover the requirements of the mandate, giving explanations and justifications for their proposals).*

7. Information on other Directives under which the product concerning the product under A.1 falls and compliance conditions.

*(NOTE: The TCs will here provide information on problems with these other Directives, if any)*

8. Specific Requests for additions to the mandate of materials, intended uses and ess. characteristics, etc. concerning the product under A.1

*(NOTE: The TCs will provide the necessary information with explanations and justification)*

9. Other issues which the TC considers necessary for the comprehension of the answer to the mandate, concerning the product under A.1.

## **A.2. Glass Doors**

### **A.2.1 Harmonized product standard**

### **Availability**

**WI 00033XYZ** (new work item for the work programme of TC 33)

**1999-12**

**See comments in 0.4 above**

**(i) Title:** Glass doors - Specifications - Classification by families according to the intended uses .

**(ii) Scope:** This standard is a performance standard, it **applies only to glass doors**, placed on the market with or without their frames.

**(iii) Int. uses:** External, internal doors, landing and communication doors

**(iv) The ess. characteristics according to the mandate which will be dealt with in the above standard will be:**

*Similar presentation as in A.1.1 (iv) before but  
adapted to this specific product*

**(v) Durability aspects**

*Similar presentation as in A.1.1 (v) before but  
adapted to this specific product*

**(vi) Other aspects**

The harmonized product standard will also contain:

- the classification system for the characteristic:

- **Resistance to Fire**

as required by the Annex 3 of the mandate (or a reference to the EN containing this classification)

- references to other Directives and compliance conditions applying to the product.

- a reference to the Commission's Decision on attestation of conformity

- clauses on evaluation of conformity (including factory production control and supporting standards)

- guidance on the characteristics to be stated in the labelling accompanying the CE-marking and on the way of expressing the determined values of these characteristics.

### **A.2.2 Supporting standards**

The following work items, prENs or ENs are proposed as test or calculation methods for the determination of the ess. characteristics required by the mandate and indicated in clause A.2.1(iv) and A.2.1(v) above:

*(NOTE 1: These supporting standards are the standards which are necessary to support the harmonized product standard.*

*In some cases reference may need to be made to other product standards where specifications and test methods are found. This applies in particular to the durability aspects which are material specific).*

*(NOTE 2: Where the supporting standards also include other issues than those of interest, then the relevant clauses must be indicated)*

***Similar presentation as in A.1.2 before  
and in relation with A.2.1(iv) and A.2.1(v) above***

### **A.2.3 Additional information, comments and remarks**

*(concerning the specific product under A.2.in this case)*

1. Deviations from a performance approach in the product standard mentioned in the A.2. above and/or in supporting standards.

*(NOTE: The TCs shall give here information on aspects required by the mandate where a performance approach cannot be followed and provide for each a detailed justification)*

2. Requests for clarification on the scope of the mandate concerning the product under A.2.

*(NOTE: If necessary, the TCs shall request here clarification on the products and materials included in the scope of the mandate)*

3. Requests for clarification on the intended uses concerning the product under A.2:

*(NOTE: If necessary, the TCs shall request here clarification on the intended uses included in the mandate)*

4. Requests for clarification on the ess. characteristics for the intended uses included in the mandate concerning the product under A.2:

*(NOTE: If necessary, the TCs shall request here clarification on the ess. characteristics of the products and the intended uses included in the mandate)*

5. Information on ess. characteristics required by the mandate concerning the product under A.2, for which no work has yet been started in the TC, or for which the TC cannot provide a standard.

*(NOTE: The TCs shall give here relevant information on the feasibility of the standard with a timetable. If a standard cannot be elaborated the TC shall provide detailed justification)*

6. Explanation of the state of the art concerning durability issues.

e.g. Durability of water tightness, air permeability and thermal resistance against UV action and weathering is not tested on the doors, but results from the compliance of the constituting materials to the state of the art or where available to ENs specifying the material.

*(NOTE: The TCs will provide here information on issues related to durability requirements included in the mandate. They will refer to the state of the art on durability testing and of the feasibility of standards to cover the requirements of the mandate, giving explanations and justifications for their proposals).*

7. Information on other Directives under which the product concerning the product under A.2 falls and compliance conditions.

*(NOTE: The TCs will here provide information on problems with these other Directives, if any)*

8. Specific Requests for additions to the mandate of materials, intended uses and ess. characteristics, etc concerning the product under A.2.

*(NOTE: The TCs will provide the necessary information with explanations and justification)*

9. Other issues which the TC considers necessary for the comprehension of the answer to the mandate concerning the product under A.2.

### **B.1 External blinds for external openings:**

**B.1.1 Harmonized product standard**  
**WI 00033143**

**Availability**  
**1999-12**

**(i) Title: External blinds for external openings fitted with windows or casement doors - Requirements - Classification**

**(ii) Scope:** This standard is a performance standard, and applies to external blinds, regardless of the material they are made of, for facades or openings with doors or windows.

**(iii) Int. uses:** For external doors and/or windows

**(iv) The ess. characteristics according to the mandate which will be dealt with in the above standard will be:**

1. Resistance to wind load

**(v) Other aspects**

The harmonized product standard will also contain:

- references to other Directives and compliance conditions applying to the product.
- a reference to the Commission's Decision on attestation of conformity
- clauses on evaluation of conformity (including factory production control and supporting standards)
- guidance on the characteristics to be stated in the labelling accompanying the CE-marking and on the way of expressing the determined values of these characteristics.

**B.1.2 Supporting standards**

The following work items, prENs or ENs are proposed as test or calculation methods for the determination of the ess. characteristics required by the mandate and indicated in clauses B.1.1(iv) and B.1.1(v) above:

*(NOTE 1: These supporting standards are the standards which are necessary to support the harmonized product standard.*

*In some cases reference may need to be made to other product standards where specifications and test methods are found. This applies in particular to the durability aspects which are material specific).*

*(NOTE 2: Where the supporting standards also include other issues than those of interest, then the relevant clauses must be indicated).*

1. Resistance to wind load

prEN 1932 (under preparation by TC33)

1997-12

Blinds and shutters - Resistance to wind load - Test methods - Paragraphs xyz

### **B.1.3 Additional information, comments and remarks**

*(concerning the specific product under B.1 in this case)*

1. Deviations from a performance approach in the product standard mentioned in the B.1 above and/or in supporting standards.

*(NOTE: The TCs shall give here information on aspects required by the mandate where a performance approach cannot be followed and provide for each a detailed justification)*

2. Requests for clarification on the scope of the mandate concerning the product under B.1.

*(NOTE: If necessary the TCs shall request here clarification on the products and materials included in the scope of the mandate)*

3. Requests for clarification on the intended uses concerning the product under B.1:

*(NOTE: If necessary the TCs shall request here clarification on the intended uses included in the mandate)*

4. Requests for clarification on the ess. characteristics for the intended uses included in the mandate concerning the product under B.1:

*(NOTE: If necessary the TCs shall request here clarification on the ess. characteristics of the products and the intended uses included in the mandate)*

5. Information on ess. characteristics required by the mandate concerning the product under B.1, for which no work has yet been started in the TC, or for which the TC cannot provide a standard.

*(NOTE: The TCs shall give here relevant information on the feasibility of the standard with a timetable. If a standard cannot be elaborated the TC shall provide detailed justification)*

6. Explanation of the state of the art concerning durability issues.

e.g. Durability of water tightness, air permeability and thermal resistance against UV action and weathering is not tested on the doors, but results from the compliance of the constituting materials to the state of the art or where available to ENs specifying the material.

*(NOTE: The TCs will provide here information on issues related to durability requirements included in the mandate. They will refer to the state of the art on durability testing and of the feasibility of standards to cover the requirements of the mandate, giving explanations and justifications for their proposals).*

7. Information on other Directives under which the product concerning the product under B.1 falls and compliance conditions.

*(NOTE: The TCs will here provide information on problems with these other Directives, if any)*



8. Specific Requests for additions to the mandate of materials, intended uses and ess. characteristics, etc concerning the product under B.1.

*(NOTE: The TCs will provide the necessary information with explanations and justification)*

9. Other issues which the TC considers necessary for the comprehension of the answer to the mandate concerning the product under B.1.

**B.2 External shutters for external openings:**

**B.2.1 Harmonized product standard**  
**WI 00033234**

**Availability**  
**1999-12**

**(i) Title:** External shutters for external openings fitted with windows or casement doors - Requirements - Classification

**(ii) Scope:** This standard is a performance standard, and applies to external shutters, regardless of the material they are made of, for facades or openings with doors or windows.

**(iii) Int. uses:** For external doors and/or windows

*Rest of text similar to clauses B.1.1(iv) till B.1.3 above*

Product	Intend. Use	Product EN	Materials in mandate	Materials CEN answ.	Ess. Charact.	Test Methods	Dura bility	
							against	Test Methods
<b>A. DOORS</b>	<u>General</u>	00033233 (Target date: 12/99)	metal timber plastic , glass	Any except glass	-rate of release of dangerous subst.  - impact resistance (for glazed doors)  - height  - dir. airborne sound insul. index	-  00129021  - prEN 951-1  - EN20140-3 + EN20717-1		
	<u>Fire compartim.</u>	00033233 (Target date: 12/99)	metal,timber plastic, glass	Any except glass	-Resistance E,I  - Smoke leakage S  - self closing C  - ability to release	-prEN 1634-1+2  -00127052  -prEN1154, 1155, prEN1158, 1906 - prEN 1125, 179, 0033111, 0033249	ageing/degradation ageing/degradation	PrEN 1670* (Corrosion) prEN 1670* (Corrosion)
	<u>External</u>	00033233 (Target date: 12/99)	metal timber plastic , glass	Any except glass	-water tightness  -res. to wind load  - air permeabil.  - thermal resistance	prEN1027  00033136  prEN 1026  prEN30077 + 00089023	UV/weath/ag+deg  UV/weath/ag+deg UV/weath/ag+deg	- / - /prEN 1191*  - / - /prEN 1191* - / - /prEN 1191*
	<u>Internal landing com. doors</u>	00033233 (Target date: 12/99)	metal timber plastic , glass	Any except glass	operating forces	-	ageing/degradation	prEN 1670*

\* General standards (do not measure the performance of the essential characteristics)

	Requirements of the mandate
	Cen Answer