

BS EN 12764:2015



BSI Standards Publication

# Sanitary appliances — Specification for whirlpool baths

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**National foreword**

This British Standard is the UK implementation of EN 12764:2015. It supersedes BS EN 12764:2004+A1:2008 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee B/503, Sanitary appliances.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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English Version

## Sanitary appliances - Specification for whirlpool baths

Appareils sanitaires - Spécification relative aux baignoires  
avec système de brassage d'eau

Sanitärausstattungsgegenstände - Anforderungen an  
Whirlwannen

This European Standard was approved by CEN on 28 May 2015.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## **Foreword**

This document (EN 12764:2015) has been prepared by Technical Committee CEN/TC 163 “Sanitary appliances”, the secretariat of which is held by UNI.

This document supersedes EN 12764:2004+A1:2008.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2016, and conflicting national standards shall be withdrawn at the latest by April 2017.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of the EU Construction Products Regulation.

For relationship with EU Construction Products Regulation, see informative Annex ZA, which is an integral part of this document.

There are no technical changes from the previous edition. The only change is that Annex ZA has been completely replaced in the new style.

According to the CEN/CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## 1 Scope

This European Standard specifies requirements for whirlpool baths, having a rated voltage of not more than 250 V for single phase appliances and 480 V for other appliances, which are intended to be installed in indoor domestic situations and used in accordance with the manufacturer's instructions for personal hygiene. Such whirlpool baths are tested and supplied as a complete independent unit designed to be drained down after every use. They may be transported in several separate parts, for assembly on site, to facilitate delivery.

Safety aspects of Whirlpool baths (except use by young children and slow moving/weak elderly or disabled individuals) are covered by EN 60335-2-60.

Exclusions: this standard does not cover additional requirements for whirlpool baths intended for uses where specific medical provisions are required, or whirlpool baths for communal uses where they are not drained down after every use. Portable whirlpool devices are not covered by this standard.

For the purposes of this standard the term 'domestic situations' includes use in hotels, accommodation for students, hospitals and similar buildings.

Warning: Slow moving elderly or disabled persons should take care when using whirlpool baths. Young children should not be allowed to use whirlpool baths without supervision.

NOTE 1 It is unrealistic to expect manufacturers to provide a definition of what constitutes a 'slow moving elderly or disabled person', or 'young children'. The former is the responsibility of the individual or a carer. The latter is a parental responsibility.

NOTE 2 When EN 60335-2-60 is amended to cover use of whirlpool baths by slow moving elderly or disabled persons and young children the warning given above will be deleted from this standard.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 232, *Baths - Connecting dimensions*

EN 1717, *Protection against pollution of potable water in water installations and general requirements of devices to prevent pollution by backflow*

EN 14516, *Baths for domestic purposes*

EN 60335-2-60, *Household and similar electrical appliances - Safety - Part 2-60: Particular requirements for whirlpool baths and whirlpool spas (IEC 60335-2-60)*

## 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

### 3.1

#### **whirlpool bath**

completely assembled unit comprising of a bath, a water and/or air agitating device and associated electrical installation

### 3.2

#### **overflow level**

level at which water in the bath will start to flow through any overflow pipe

## **4 Design**

### **4.1 Construction**

The whirlpool bath shall form a fully integrated unit permanently installed in accordance with the manufacturer's instructions, such that it is possible to carry out the commissioning test described in Annex A without the need to install additional parts or components.

Element parts, e.g. pump or blower, may be installed remotely from the bath.

NOTE Portable whirlpool devices are not covered by this specification (see Clause 1).

### **4.2 Pump and/or blower installation**

The weight of the pump and/or blower shall not be supported by any part of the system pipe-work.

### **4.3 Unit maintenance**

The whirlpool bath shall be designed such that after installation in accordance with the manufacturer's instructions, all elements of the unit requiring regular maintenance (e.g. pump, blower, valves, electrical components) remain accessible.

### **4.4 Backflow prevention**

A whirlpool bath intended to be filled by direct connection of its circulatory pipe-work to the water supplies shall be supplied with appropriate backflow prevention devices for installation at the point of connection in accordance with EN 1717.

### **4.5 Safety**

Whirlpool baths need to comply with the requirements of the Low Voltage Directive 2006/95/EC. Compliance with EN 60335-2-60 is one way of satisfying this rule.

## **5 Requirements**

### **5.1 General**

Whirlpool baths shall comply with the requirements in EN 232 unless the manufacturer provides a special waste and/or suction/overflow fitting, and they shall be subjected to the sequence of tests specified in 5.2 to 5.6.

Where a European Standard exists for the performance of baths manufactured from specific materials, whirlpool baths made from such materials shall also comply with the requirements of that standard.

### **5.2 Resistance to temperature**

When tested in accordance with 6.1 there shall be no leakage or other damage.

When those parts of whirlpool baths which are intended by the manufacturer to function at temperatures in excess of 60°C are tested in accordance with 6.1 at those higher temperatures, there shall be no leakage or other damage.

### **5.3 Resistance to hair entrapment**

Whirlpool baths shall comply with the relevant clause of EN 60335-2-60.



## 5.4 Hygiene

### 5.4.1 Water retention

Whirlpool baths shall comply with the relevant clause of EN 60335-2-60.

### 5.4.2 Cleanability

Whirlpool baths shall comply with the relevant clause of EN 14516.

### 5.4.3 Durability of cleanability

Whirlpool baths shall comply with the relevant clause of EN 14516.

## 5.5 Resistance to pressure

When tested in accordance with 6.2, there shall be no leakage or other damage.

## 5.6 Resistance to leakage

When tested in accordance with 6.3, there shall be no leakage or other damage.

## 5.7 Dangerous substances

National regulations on dangerous substances may require verification and declaration on release, and sometimes content, when construction products covered by this standard are placed on those markets.

In the absence of European harmonized test methods, verification and declaration on release/content should be done taking into account national provisions in the place of use.

NOTE An informative database covering European and national provisions on dangerous substances is available at the Construction website on EUROPA accessed through: [http://ec.europa.eu/growth/tools-databases/cp-ds/index\\_en.htm](http://ec.europa.eu/growth/tools-databases/cp-ds/index_en.htm).

## 6 Test method

### 6.1 Temperature test

#### 6.1.1 Apparatus

6.1.1.1 A supply of water at  $60_{-5}^0$  °C or at a higher temperature if specified by the manufacturer.

6.1.1.2 A temperature measuring device accurate to within 1°C at the measured value.

#### 6.1.2 Test specimen

A whirlpool bath, completely assembled and connected to a power source in accordance with the manufacturer's instructions, in a controlled environment at a temperature > 15°C.

#### 6.1.3 Procedure

- With the rim of the bath level, fill the bath to the overflow level with water at an entry temperature of  $60_{-5}^0$  °C or at a higher temperature if specified by the manufacturer.
- Switch the whirlpool system on.
- Open all air controls and operate the system for a period of  $10_{0}^{+1}$  min.

- Visually inspect all pipes, joints and fittings.
- Switch the whirlpool system off.

#### 6.1.4 Expression of results

Record any water leakage or other damage.

### 6.2 Maximum pressure test

#### 6.2.1 Apparatus

**6.2.1.1 A pressure gauge** capable of reading pressure to an accuracy of within 2 % of the measured value.

**6.2.1.2 A supply of water** at  $45_{-5}^0$  °C.

#### 6.2.2 Test specimen

A whirlpool bath completely assembled and connected to a power source in accordance with the manufacturer's instructions and previously tested in accordance with 6.1.

#### 6.2.3 Procedure

- With all nozzle outlets open and rim of the bath level, fill the bath with water at an entry temperature of  $45_{-5}^0$  °C to a level above the highest jet which allows operation of the whirlpool system.
- Connect the pressure gauge into the delivery side of the pipe system.
- Switch the whirlpool system on.
- Block each nozzle outlet into the bath until all are closed, recording the pressure gauge reading after each closure.
- Record the maximum operating pressure and drain the bath.
- Re-fill the bath with water at an entry temperature of  $45_{-5}^0$  °C and re-create the maximum operating pressure. Run the system for period of  $10_{0}^{+1}$  min.
- Visually inspect all pipes, joints and fittings during and after the test.
- Switch the whirlpool system off.

#### 6.2.4 Expression of results

Record any water leakage or other damage.

### 6.3 Leakage test

#### 6.3.1 Apparatus

A supply of water.

#### 6.3.2 Test specimen

A whirlpool bath, completely assembled and connected to a power source in accordance with the manufacturer's instructions and previously tested in accordance with 6.1 and 6.2.

#### 6.3.3 Procedure

- With the rim of the bath level, fill the bath with water to a level above the highest nozzle which allows operation of the system.
- Operate all the functions of the whirlpool system and run the system for a period of  $10^{+5}_0$  min.
- Switch the whirlpool system off and without draining down leave for a period of  $10^{+5}_0$  min.
- Visually inspect all pipes, joints and fittings during and after the test.

#### 6.3.4 Expression of results

Record any water leakage or other damage.

## 7 Marking, labelling and packaging

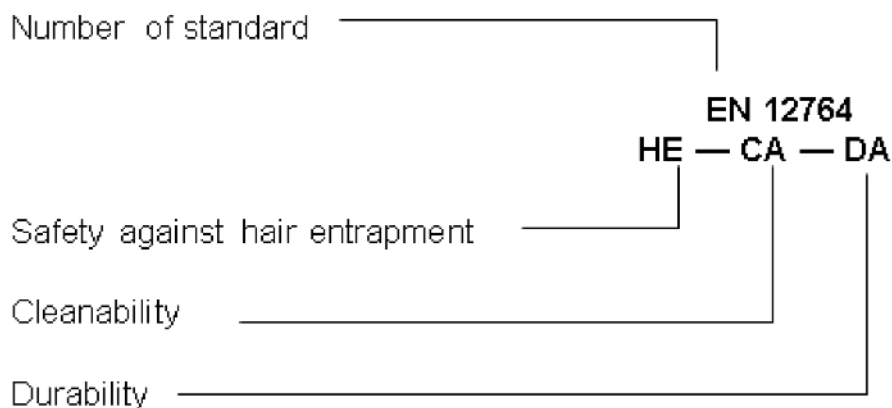
### 7.1 Marking and product designation

The relevant product characteristics and the Essential Characteristics for whirlpool baths including their abbreviations are given in Table 1.

**Table 1 — Characteristics and abbreviations**

<b>Abbreviation</b>	<b>Characteristics</b>
EN 12764	Number of European Standard for whirlpool baths
HE	Safety against hair entrapment
CA	Cleanability
DA	Durability

All whirlpool baths shall be designated in accordance with the following system:



The second line of the designation code can be omitted when those characteristics are fulfilled.

EXAMPLE 1 For whirlpool baths where all Essential Characteristics in accordance with Annex ZA are satisfied.

EN 12764

EXAMPLE 2 For whirlpool baths where all Essential Characteristics in accordance with Annex ZA are satisfied except for cleanability for which the manufacturer has exercised the NPD option.

EN 12764 — CA/NPD

NOTE For CE marking, see Annex ZA.

## 7.2 Labelling

Each whirlpool bath shall be clearly marked with a label giving advice, on carrying, lifting and setting down of the bath and other components. A separate prominent label shall include a warning advising “Do not lift the bath by any part of the pipe-work.

## 8 Assessment and verification of constancy of performance - AVCP

### 8.1 General

The compliance of a whirlpool bath with the requirements of this standard and with the performances declared by the manufacturer in the Declaration of Performance (DoP) shall be demonstrated by:

- determination of the product type (see 8.2);
- factory production control by the manufacturer (FPC), including product assessment (see 8.3).

The manufacturer shall always retain the overall control and shall have the necessary means to take responsibility for the conformity of the product with its declared performance(s).

### 8.2 Type testing

#### 8.2.1 General

All performances related to characteristics included in this standard shall be determined when the manufacturer intends to declare the respective performances unless the standard gives provisions for declaring them without performing tests. (e.g. use of previously existing data, CWFT and conventionally accepted performance).

Assessment previously performed in accordance with the provisions of this standard, may be taken into account provided that they were made to the same or a more rigorous test method, under the same AVCP

system on the same product or products of similar design, construction and functionality, such that the results are applicable to the product in question.

For the purposes of assessment, the manufacturer's products may be grouped into families, where it is considered that the results for one or more characteristics from any one product within the family are representative for that same characteristics for all products within that same family

Products may be grouped in different families for different characteristics.

Reference to the assessment method standards should be made to allow the selection of a suitable representative sample.

In addition, the determination of the product type shall be performed for all characteristics included in the standard for which the manufacturer declares the performance:

- at the beginning of the production of a new or modified whirlpool bath (unless a member of the same product range), or
- at the beginning of a new or modified method of production (where this may affect the stated properties); or
- they shall be repeated for the appropriate characteristic(s), whenever a change occurs in the whirlpool bath design, in the raw material or in the supplier of the components, or in the method of production (subject to the definition of a family), which would affect significantly one or more of the characteristics.

Where components are used whose characteristics have already been determined, by the component manufacturer, on the basis of assessment methods of other product standards, these characteristics need not be re-assessed. The specifications of these components shall be documented.

Products bearing regulatory marking in accordance with appropriate harmonized European specifications may be presumed to have the performances declared in the DoP, although this does not replace the responsibility of the whirlpool bath manufacturer to ensure that the whirlpool bath as a whole is correctly manufactured and its component products have the declared performance values.

### 8.2.2 Samples, testing and compliance criteria

The whirlpool bath shall be subjected to and pass the relevant tests in Table 2.

**Table 2 — Type testing**

Characteristic to be tested in accordance with this standard	Assessment method according to clauses of this standard	Number of samples	Compliance criteria
Resistance to temperature	6.1	1	5.2
Resistance to hair entrapment	5.3	1	EN 60335–2-60
Water retention	5.4.1	1	EN 60335–2-60
Cleanability	5.4.2	1	EN 14516
Durability of cleanability	5.4.3	1	EN 14516
Resistance to pressure	6.2	1	5.5
Resistance to leakage	6.3	1	5.6

## **8.3 Factory production control**

### **8.3.1 General**

The manufacturer shall establish, document and maintain a factory production control (FPC) system to ensure that the products placed on the market conform with the stated performance characteristics.

The FPC system shall consist of procedures, regular inspections and tests and/or assessments and the use of the results to control raw and other incoming materials or components, equipment, the production process and the product.

The results of inspections, tests or assessments requiring action shall be recorded. The action to be taken when control values or criteria are not met shall be recorded.

NOTE Manufacturers having an FPC system, which complies with EN ISO 9001 standard and which addresses the provisions of the present European standard are considered as satisfying the FPC requirements of the Regulation (EU) No 305/2011.

### **8.3.2 Equipment**

#### **8.3.2.1 Testing**

All weighing, measuring and testing equipment shall be calibrated and regularly inspected according to documented procedures, frequencies and criteria.

#### **8.3.2.2 Manufacturing**

All equipment used in the manufacturing process shall be regularly inspected and maintained to ensure use, wear or failure does not cause inconsistency in the manufacturing process. Inspections and maintenance shall be carried out and recorded in accordance with the manufacturer's written procedures and the records retained for the period defined in the manufacturer's FPC procedures.

### **8.3.3 Raw materials and components**

The specifications of all incoming raw materials and components shall be documented, as shall the inspection scheme for ensuring their conformity. In cases where supplied kit components are used, the constancy of performance system of the component shall be that given in the appropriate harmonized technical specification for that component.

### **8.3.4 Product testing and assessment**

The manufacturer shall establish and document procedures to ensure that the stated values of all of the characteristics are maintained.

### **8.3.5 Non-conforming products**

The manufacturer shall have written procedures which specify how non-conforming products shall be dealt with. Any such events shall be recorded as they occur and these records shall be kept for the period defined in the manufacturer's written procedures.

Where the product fails to satisfy the acceptance criteria, the provisions for non-conforming products shall apply, the necessary corrective action(s) shall immediately be taken and the products or batches not conforming shall be isolated and properly identified.

Once the fault has been corrected, the test or verification in question shall be repeated.

The results of controls and tests shall be properly recorded. The product description, date of manufacture, test method adopted, test results and acceptance criteria shall be entered in the records under the signature of the person responsible for the control/test.

With regard to any control result not meeting the requirements of this European standard, the corrective measures taken to rectify the situation (e.g. a further test carried out, modification of manufacturing process, throwing away or putting right of product) shall be indicated in the records.

### **8.3.6 Corrective action**

The manufacturer shall have documented procedures that instigate action to eliminate the cause of non-conformities in order to prevent recurrence.

## **9 Instructions to installer**

Each whirlpool bath shall be supplied with a set of printed instructions to the installer containing information on the following:

- a) Guidance on the suitability of installers - who shall be able to demonstrate to the relevant authorities their awareness and competence in application of National Regulatory requirements for safety, i.e. electrical and water supply/disposal.
- b) Guidance on installation of the whirlpool bath.
- c) Guidance on electrical installation, which shall be in accordance with National Regulatory requirements.
- d) Guidance on provision of access for maintenance.
- e) Guidance on the importance of the Commissioning Test in accordance with Annex A.
- f) Guidance on installation of backflow prevention device(s) in accordance with EN 1717 where appropriate (see 4.4).

## **10 Instructions to users**

Each whirlpool bath shall be supplied with printed documentation for the user, containing information on the following:

- a) Instructions on operating.
- b) Instructions on bath cleaning, whirlpool device cleaning and disinfecting.
- c) A warning that the use of cleaning materials other than those recommended by the manufacturer can result in damage to the bath and/or the whirlpool apparatus.
- d) Guidance on the testing and resetting of Residual Current Devices (where applicable).
- e) Guidance on maintenance including the warning "To be adjusted (repaired) only by installers who can demonstrate to the appropriate authorities awareness and competence in the application of National Regulatory requirements for safety, i.e. electrical and water supply/disposal".
- f) A warning that young children should not use whirlpool baths without supervision.
- g) A warning that slow moving/weak elderly or disabled persons should take care when using whirlpool baths.
- h) A statement encouraging the installer and first owner of the whirlpool bath to make the instructions available to subsequent owners and users.

## **Annex A** (informative)

### **Commissioning test**

#### **A.1 Procedure**

After installation check that the bath is clean. Fill with water at an entry temperature of  $(40 \pm 5)^{\circ}\text{C}$  to a level above the highest nozzle which allows operation of the system. Switch the system on and operate for a minimum period of 10 min. When the unit is equipped with a variable speed motor run the minimum/maximum cycle at least once during the test. Without draining down, switch the whirlpool system off and after a minimum period of 10 min check all pipework, joints and connections for leaks.

After any necessary adjustment to ensure the integrity of the installation or the replacement of any faulty elements, repeat the procedure.



## Annex ZA (informative)

### Clauses of this European Standard addressing the provisions of the EU Construction Products Regulation

#### ZA.1 Scope and relevant characteristics

This European Standard has been prepared under Mandate M110 Sanitary Appliances as amended by M139 given to CEN by the European Commission and the European Free Trade Association.

If this European standard is cited in the Official Journal of the European Union (OJEU), the clauses of this standard, shown in this annex, are considered to meet the provisions of the relevant mandate, under the Regulation (EU) No. 305/2011.

This annex deals with the CE marking of the whirlpool baths intended for the use indicated in Table ZA.1 and shows the relevant clauses applicable.

This annex has the same scope as in Clause 1 of this standard related to the aspects covered by the mandate and is defined by Table ZA.1.

**Table ZA.1 — Relevant clauses for whirlpool baths and intended use**

<b>Product:</b> Whirlpool baths			
<b>Intended use:</b> Personal hygiene			
Essential Characteristics	Clauses in this and other European Standard(s) related to essential characteristics	Regulatory classes	Notes
Safety against hair entrapment	5.3	None	Pass/fail
Cleanability	5.4.1 5.4.2	None	Pass/fail
Durability	5.4.3	None	Pass/fail

The declaration of the product performance related to certain essential characteristics is not required in those Member States (MS) where there are no regulatory requirements on these essential characteristics for the intended use of the product.

In this case, manufacturers placing their products on the market of these MS are not obliged to determine nor declare the performance of their products with regard to these essential characteristics and the option “No performance determined” (NPD) in the information accompanying the CE marking and in the declaration of performance (see ZA.3) may be used for those essential characteristics.

## **ZA.2 Procedure for assessment and verification of constancy of performance (AVCP) of whirlpool baths**

### **ZA.2.1 System of AVCP**

The AVCP system of Whirlpool bath indicated in Table ZA.1, established by EC Decision 96/578/EC (OJ L254 of 8.10.1996 p.49) amended by EC Decision(s) 2001/596/EC (OJ L 209 page 33 of 2.8.2001) and 2002/592/EC (OJ L 192 page 57 of 20.7.2002) is shown in Table ZA.2 for the indicated intended use(s) and relevant level(s) or class(es) of performance.

**Table ZA.2 — System(s) of AVCP**

<b>Products</b>	<b>Intended uses</b>	<b>Level(s) or class(es) of performance</b>	<b>AVCP system(s)</b>
Whirlpool bath	Personal hygiene	—	4
System 4: See Regulation (EU) No. 305/2011 (CPR) Annex V, 1.5.			

The AVCP of the whirlpool baths in Table ZA.1 shall be according to the AVCP procedures indicated in Table ZA.3 resulting from application of the clauses of this or other European Standard indicated therein. The content of tasks of the notified body shall be limited to those essential characteristics as provided for, if any, in Annex III of the relevant mandate and to those that the manufacturer intends to declare.

**Table ZA.3 — Assignment of AVCP tasks for whirlpool baths under system 4**

<b>Tasks</b>		<b>Content of the task</b>	<b>AVCP clauses to apply</b>
Task for the manufacturer	Determination of the product-type on the basis of type testing, type calculation, tabulated values or descriptive documentation of the product	All relevant characteristics of Table ZA.1	8.2
	Factory production control	Parameters related to all relevant characteristics of Table ZA.1	8.3

### **ZA.2.2 Declaration of performance (DoP)**

#### **ZA.2.2.1 General**

The manufacturer draws up the DoP and affixes the CE marking on the basis of the different AVCP systems set out in Annex V of the Regulation (EU) No 305/2011, as amended:

- the factory production control carried out by the manufacturer;
- the determination by the manufacturer of the product type on the basis of type testing, type calculation, tabulated values or descriptive documentation of the product.

#### **ZA.2.2.2 Content**

The model of the DoP is provided in Annex III of the Regulation (EU) No 305/2011, as amended.

According to this Regulation, the DoP shall contain, in particular, the following information:

- the reference of the product-type for which the declaration of performance has been drawn up;
- the AVCP system or systems of the construction product, as set out in Annex V of the CPR;
- the reference number and date of issue of the harmonized standard which has been used for the assessment of each essential characteristic;
- where applicable, the reference number of the Specific Technical Documentation used and the requirements with which the manufacturer claims the product complies.

The DoP shall in addition contain:

- (a) the intended use or uses for the construction product, in accordance with the applicable harmonized technical specification;
- (b) the list of essential characteristics, as determined in the harmonized technical specification for the declared intended use or uses;
- (c) the performance of at least one of the essential characteristics of the construction product, relevant for the declared intended use or uses;
- (d) where applicable, the performance of the construction product, by levels or classes, or in a description, if necessary based on a calculation in relation to its essential characteristics determined in accordance with the Commission determination regarding those essential characteristics for which the manufacturer shall declare the performance of the product when it is placed on the market or the Commission determination regarding threshold levels for the performance in relation to the essential characteristics to be declared;
- (e) the performance of those essential characteristics of the construction product which are related to the intended use or uses, taking into consideration the provisions in relation to the intended use or uses where the manufacturer intends the product to be made available on the market;
- (f) for the listed essential characteristics for which no performance is declared, the letters “NPD” (No Performance Determined).

Regarding the supply of the DoP, Article 7 of the Regulation (EU) No 305/2011, as amended, applies.

The information referred to in Article 31 or, as the case may be, in Article 33 of Regulation (EC) No 1907/2006, (REACH) shall be provided together with the DoP.

### **ZA.2.2.3 Example of DoP**

The following gives examples of a filled-in DoP for whirlpool baths.

EXAMPLE 1 Full text version of DoP with attached list of product numbers(identification codes) for this DoP:

**DECLARATION OF PERFORMANCE**

**No. 001CPR2013-07-14**

1. Unique identification code of the product-type:

**For product number(s) see list attached.**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

**Whirlpool bath**

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

**Personal hygiene. (PH)**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

**AnyCo SA,**

**PO Box 21**

**B-1050 Brussels, Belgium**

**Tel. +32987654321**

**Fax: +32123456789**

**Email: [anycos.a@provider.be](mailto:anycos.a@provider.be)**

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

**Anyone Ltd**

**Flower St. 24**

**West Hamfordshire**

**AB1 2CD United Kingdom**

**Tel. +44987654321**

**Fax: +44123456789**

**e-mail: [anyone.ltd@provider.uk](mailto:anyone.ltd@provider.uk)**

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

**System 4**

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard.

**Determination of the product type on the basis of type testing, type calculation, tabulated values or descriptive documentation of the product;**

8. Declared performance

<b>Essential characteristics <sup>a</sup></b>	<b>Performance</b>	<b>Harmonized technical specification</b>
<b>Safety against hair entrapment (HE)</b>	<b>Pass</b>	EN 12764:2015
<b>Cleanability (CA)</b>	<b>Pass</b>	
<b>Durability (DA)</b>	<b>Pass</b>	
<sup>a</sup> Specific performance of essential requirements are given by the designation code as cited in the attachment		

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

.....  
 (name and function)

..... (place and date of issue)                      ..... (signature)

Attachment to Declaration of Performance

No. CPR-12764

Product no.	Product name (Optional)	Description (Optional)	CE marking (Optional)	Digits (Optional)
12345		Whirlpool bath	EN 12764	
.....				

.....  
(Name and function)

.....  
(place and date of issue)

.....  
(signature)

EXAMPLE 2 Short-text version of DoP with attached list of product numbers (identification codes) for this DoP:

**Declaration of Performance**

**No. CPR-12764**

1. **For product number (identification code) see list attached.**
2. **Whirlpool bath(s)**
3. **Personal hygiene (PH)**
4. **Any Co Ltd**  
**Any Street 1**  
**12345 Example City**  
**Country**  
**Ph.: +49 987-8654-0**  
**Fax: +49 987-8654-1**  
[info@sanitary-plant.com](mailto:info@sanitary-plant.com)
5. **n.a.**
6. **System 4**
7. **Determination of product type and factory production control by the manufacturer**
8. **Declared performance**

Essential characteristics <sup>a</sup>	Performance	Harmonized technical specification
HE	Pass	EN 12764:2015
CA	Pass	
DA	Pass	
<sup>a</sup> Specific performance of Essential Characteristics are given by the designation code as cited in the attachment.		

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

.....  
 (name and function)

.....  
 ... (place and date of issue) (signature)

Attachment to Declaration of Performance

No. CPR-12764

Product no.	Product name (Optional)	Description (Optional)	CE marking (Optional)	Digits (Optional)
12345		Whirlpool bath	EN 12764	
.....				

.....  
(Name and function)

.....  
(place and date of issue)

.....  
(signature)

### ZA.3 CE marking and labelling

The CE marking symbol shall be in accordance with the general principles set out in Article 30 of Regulation (EC) No 765/2008 and shall be affixed visibly, legibly and indelibly:

— to the product

or

— to a label attached to it.

Where this is not possible or not warranted on account of the nature of the product, it shall be affixed:

— to the packaging

or

— to the accompanying documents.

The CE marking shall be followed by:

— the last two digits of the year in which it was first affixed;

— the name and the registered address of the manufacturer, or the identifying mark allowing identification of the name and address of the manufacturer easily and without any ambiguity,

— the unique identification code of the product-type

— the reference number of the declaration of performance

— the level or class of the performance declared


— the reference to the harmonized technical specification applied

— the intended use as laid down in the harmonized technical specification applied.

The CE marking shall be affixed before the construction product is placed on the market. It may be followed by a pictogram or any other mark notably indicating a special risk or use.



Figure ZA.1 gives an example of the information related to products subject to AVCP system 4 to be given on the product or to a label attached to it or to the packaging or to the accompanying documents.

	<i>CE marking, consisting of the “CE”-symbol</i>
<p><b>AnyCo Ltd, PO Box 21, B-1050, Brussels, Belgium</b></p> <p><b>15</b></p> <p>001CPR2013–07–14</p>	<p><i>Name and the registered address of the manufacturer, or identifying mark</i></p> <p><i>Last two digits of the year in which the marking was first affixed</i></p> <p><i>Reference number of the DoP</i></p>
<p>A1234XYZ</p> <p>PH</p> <p>EN 12764:2015</p> <p>HE-CA-DA</p>	<p><i>Unique identification code of the product-type</i></p> <p><i>Intended use of the product as laid down in the European standard applied</i></p> <p><i>No. of European standard applied, as referenced in OJEU</i></p> <p><i>Level or class of the performance declared</i></p>

**Figure ZA.1 — Example CE marking information of products under AVCP system 4 to be given on the product or to a label attached to it or to the packaging or to the accompanying documents**

## Bibliography

- [1] EN ISO 9000, *Quality management systems - Fundamentals and vocabulary (ISO 9000)*
- [2] EN ISO 9001, *Quality management systems - Requirements (ISO 9001)*



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