

ZA.3 CE marking and labelling

ZA.3.1 CE marking

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 wood-based panel

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 all relevant essential characteristics (see Tables ZA.1.1 and ZA.1.2) declared;
- the dated reference to the harmonised technical specification applied;
- the identification number of the notified body, *[only for products under systems 1+, 1, 2+ and 3]*;
- the intended use as laid down in the harmonised 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.

Figures ZA.1 to ZA.10 give examples of the information related to products subject to AVCP under each of the different systems to be given on the wood-based panel.

Panel under AVCP system 2+

Figure ZA.1 shows an example of CE marking with reference to a technical class given in the commercial documents, accompanying each package of the wood-based panels. The example relates to untreated particleboard for internal use as structural floor decking on joists in humid conditions.

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AnyCo Ltd, PO Box 21, B-1050, Brussels, Belgium 15 00001-DOP-2013/05/12		
EN 13986:2004+A1:2015 P5 – Floor Decking – Span 600 mm, 22 mm		
Strength and Stiffness	in compression, tension, bending shear, as:	P5
Punching shear, as:		
- point load strength: ultimate serviceability		6 500 N 6 500 N
- point load stiffness:		600 N/mm
Impact resistance: (acc. to EN 12871)		Class I
Reaction to fire:		D _{FL} -s1
Water vapour permeability μ: wet dry		15 50
Release of formaldehyde:		E1
Content of pentachlorophenol (PCP):		PCP \leq 5 ppm
Airborne sound insulation (density)		R = 29 dB
Sound absorption α		0,10 / 0,25
Thermal conductivity λ		0,12 W/m×K
Durability, as:		
- internal bond		P5
- swelling in thickness		P5
- moisture resistance		P5
- biological (EN 335-3)		Class 2

CE-marking consisting of the "CE"-logo
 Identification number of the notified production control certification body

Name and registered address of the manufacturer, or identifying mark

Last two digits of the year in which the marking was first affixed

Reference number of the DoP

Number and year of the European Standard

Unique identification code of the panel and its intended use

Performances of **all** relevant essential characteristics

Based on density of 700 kg/m³ and a surface mass of 15,4 kg/m²

Figure ZA.1 — Example of CE marking with reference to a technical class given in the commercial documents, accompanying the packaging of the panels (AVCP system 2+)

Panel under AVCP system 4

Figure ZA.2 shows an example of CE marking with reference to a technical class given in the commercial documents, accompanying each package of the wood-based panels. The example relates to plywood for internal use in dry conditions for non-structural applications.


		<p><i>CE-marking consisting of the "CE"-logo</i></p> <hr/> <p><i>Name and 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> <hr/> <p><i>Number and year of the European Standard</i></p> <p><i>Unique identification code of the panel and its intended use</i></p> <hr/> <p><i>Performances of all relevant essential characteristics</i></p> <p><i>Based on density of 500 kg/m³ and a surface mass of 7,5 kg/m²</i></p>				
<p>AnyCo Ltd, PO Box 21, B-1050, Brussels, Belgium</p> <p style="text-align: center;">15</p> <p style="text-align: center;">00031-DOP-2013/07/27</p>						
<p>EN 13986:2004+A1:2015</p> <p>EN 636-1 NS, 15 mm</p>						
Reaction to fire:	D-s2,d0					
Water vapour permeability μ:	<table style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding-right: 10px;">wet</td> <td style="text-align: center;">70</td> </tr> <tr> <td style="padding-right: 10px;">dry</td> <td style="text-align: center;">200</td> </tr> </table>		wet	70	dry	200
wet	70					
dry	200					
Release of formaldehyde:	E1					
Content of pentachlorophenol (PCP):	PCP \leq 5 ppm					
Airborne sound insulation (density)	R = 25 dB					
Sound absorption α	0,10 / 0,30					
Thermal conductivity λ	0,13 W/(m·K)					
Durability:						
- bonding strength: (acc. to EN 314-2)	Class 1					
- biological durability (EN 335-3)	Class 1					

Figure ZA.2 — Example of CE marking with reference to a technical class given in the commercial documents, accompanying the packaging of the panels (AVCP system 4)

ZA.3.2 Labelling

The following information shall be given directly on each panel or, when this is not possible, by order of priority, on a label firmly affixed to each panel, or – in case of the panels under AVCP system 4 – on the packaging of these panels (examples see Figures ZA.3 to ZA.10).

NOTE Exceptionally (e.g. on request of the customer) for overlaid, veneered or coated boards and where a labelling is physically not possible, the information can be given on the packaging.

EN 13986:2004+A1:2015 (E)

The CE marking logo shall be accompanied with the following information:

- a) identification number of the notified certification body (*for panels with AVCP system 1 or 2+ only*);
- b) name or identifying mark of the manufacturer;

NOTE The registered address of the manufacturer may also be added.

- c) reference number of the declaration of performance (DoP);
- d) dated reference to this standard (i.e. EN 13986:year);
- e) description of the panel, as its:
 - 1) nominal thickness
 - 2) indication 'PT', in case of treatment with biocides against biological attack;
- f) information on performance of essential characteristics:
 - 1) technical class;
 - 2) reaction to fire class, including the additional classification, if any, and only if not taken from Table 8;
 - 3) release of formaldehyde: class E1 or E2.

Information on the panel under AVCP system 4

In Figures ZA.3 and ZA.4 an example of the information on a wood-based panel (e.g. MDF) for internal non-structural use in dry conditions and subject to Assessment and Verification of the Constancy of Performance (AVCP) system 4 is given. Figure ZA.3 shows such marking given either on a label affixed to the panel or on the packaging of these panels and Figure ZA.4 the same example printed directly on the panel.

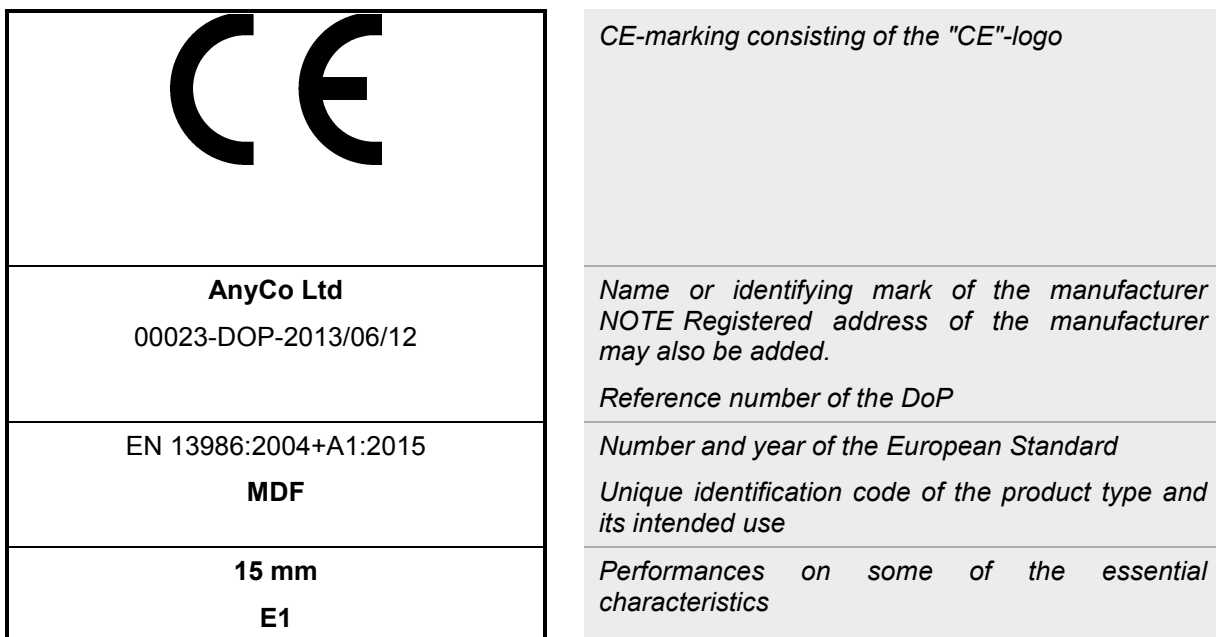


Figure ZA.3 — Example of information on a label affixed to the panel or on the packaging of these panels (for panel under AVCP system 4)

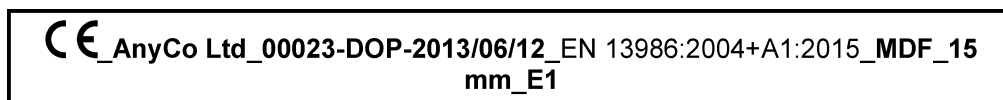


Figure ZA.4 — Example of information on the panel (for panel under AVCP system 4)

NOTE This information on the panel is to be affixed by the company “AnyCo Ltd” in the year 2013. With regard to some characteristics, given in Table ZA.1.2, which are to be declared, this panel complies with the requirements for the type of panel “MDF”, given in Table A.9 (according to EN 622-5). In addition, with regard to release of formaldehyde, it is declared as class E1, according to Annex B.

Furthermore, as the panel meets the requirements of Table 8 as regard the reaction to fire class (and therefore has AVCP system 4) this class is not declared. Furthermore, as the panel has not been treated against biological attack, no indication is given concerning treatment.

Information on the panel under AVCP system 3

In Figures ZA.5 and ZA.6 an example of the information on a wood-based panel (e.g. resin-bonded particle-board) for internal non-structural use in dry conditions and subject to Assessment and Verification of the Constancy of Performance (AVCP) system 3 is given. Figure ZA.5 shows such marking given on a label affixed to the panel and Figure ZA.6 shows the same example printed on the panel.


	<i>CE-marking consisting of the "CE"-logo</i>
AnyCo Ltd 00007-DOP-2013/05/17	<i>Name or identifying mark of the manufacturer NOTE Registered address of the manufacturer may also be added.</i>
EN 13986:2004+A1:2015 P2	<i>Reference number of the DoP Number and year of the European Standard</i>
8 mm D-s2, d0 E1	<i>Unique identification code of the product type and its intended use Performances on some of the essential characteristics</i>

Figure ZA.5 — Example of information on a label affixed to the panel (for panel under AVCP system 3)

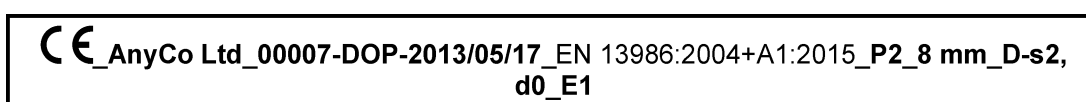


Figure ZA.6 — Example of information on the panel (for panel under AVCP system 3)

NOTE This information on the panel is to be affixed by the company “AnyCo Ltd” in the year 2013. With regard to some characteristics, given in Table ZA.1.2, which are to be declared, this panel complies with the requirements for the

type of panel “P2”, given in Table A.4 (according to EN 312). In addition, with regard to release of formaldehyde, it is declared as class E1, according to Annex B.

Furthermore, it is also declared the reaction to fire class based on the results of all required tests done, as the panel does not meet both requirements of Table 8 for CWFT. Thus, the actual panel’s thickness is also declared.

As the panel has not been treated against biological attack, no indication is given concerning treatment.

Information on the panel under AVCP system 2+

In Figures ZA.7 and ZA.8 an example of the information on a wood-based panel (e.g. plywood) for external use as a structural component and subject to Assessment and Verification of the Constancy of Performance (AVCP) system 2+ is given. Figure ZA.7 shows such marking given on a label affixed to the panel and Figure ZA.8 the same example printed on the panel.


 4321	<i>CE-marking consisting of the "CE"-logo</i> <i>Identification number of the notified production control certification body</i>
AnyCo Ltd 00010-DOP-2013/05/30	<i>Name or identifying mark of the manufacturer</i> <i>NOTE Registered address of the manufacturer may also be added.</i> <i>Reference number of the DoP</i>
EN 13986:2004+A1:2015 EN 636-3 S	<i>Number and year of the European Standard</i> <i>Unique identification code of the panel and its intended use</i>
9,5 mm E1	<i>Performances on some of the essential characteristics</i>

Figure ZA.7 — Example of information on a label affixed to the panel (for panel under AVCP system 2+)

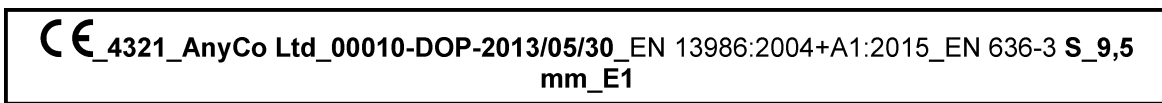


Figure ZA.8 — Example of information on the panel (for panel under AVCP system 2+)

NOTE This information on the panel is to be affixed by the company “AnyCo Ltd” in the year 2013. With regard to some characteristics, given in Table ZA.1.1, which are to be declared, this panel complies with the requirements for the type of panel “EN 636-3”, given in Table A.2 (according to EN 636) with indication “S” as it is intended for use in structural applications. In addition, with regard to release of formaldehyde, it is declared as class E1, according to Annex B.

Furthermore, as the panel meets the requirements of Table 8 as regard the reaction to fire class this class is not declared. In addition, as the panel has not been treated against biological attack, no indication is given concerning treatment.

Information on the panel under AoC system 1

In Figures ZA.9 and ZA.10 an example of the information on a wood-based panel (e.g. resin-bonded particleboard, treated with fire retardant) for internal structural use in humid conditions and subject to Assessment and Verification of the Constancy of Performance (AVCP) system 1 is given. Figure ZA.9 shows such marking given on a label affixed to the panel and Figure ZA.10 shows the same example printed on the panel.


 4321	<i>CE-marking consisting of the "CE"-logo</i> <i>Identification number of the product certification body</i>
AnyCo Ltd 00002-DOP-2013/05/14	<i>Name or identifying mark of the manufacturer</i> <i>NOTE Registered address of the manufacturer may also be added.</i> <i>Reference number of the DoP</i>
EN 13986:2004+A1:2015 P5	<i>Number and year of the European Standard</i> <i>Unique identification code of the panel and its intended use</i>
22 mm B-s2, d0 E1	<i>Performances on some of the essential characteristics</i>

Figure ZA.9 — Example of information on a label affixed to the panel (for panel under AVCP system 1)

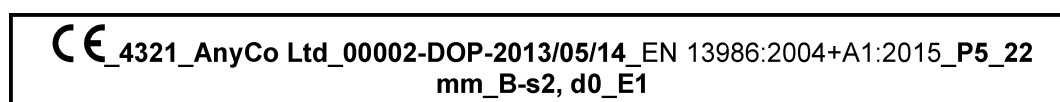


Figure ZA.10 — Example of information on the panel (for panel under AVCP system 1)

NOTE This information on the panel is to be affixed by the company "AnyCo Ltd" in the year 2013. With regard to some characteristics, given in Table ZA.1.1, which are to be declared, this panel complies with the requirements for the type of panel "P5", given in Table A.4 (according to EN 312). In addition, with regard to release of formaldehyde, it is declared as class E1, according to Annex B.

Furthermore, because it is treated with fire retardant it is also declared the reaction to fire class based on the results of all required tests done, under AVCP system 1.

In addition, as the panel has not been treated against biological attack, no indication is given concerning treatment. ^(A1)