

**CE MARKING:
GUIDELINE FOR ALUMINIUM
WINDOWS, DOORS &
CURTAIN WALLING**

January 2018



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1 Introduction

This guideline^{1,2} is designed to assist manufacturers³ fulfil the requirements of the Construction Product Regulation (CPR) and it was prepared by European Aluminium and the Federation of European Window and Curtain Walling Manufacturers' Associations (FAECF).

The CPR removes technical barriers to trade for construction products. These barriers exist when there are different rules for testing and verification of conformity in different European Member States for the same product. The CPR focuses on establishing common rules across the European market and it entered into force across Europe on 1 July 2013.

¹ This guideline document has an informative role. For additional information, please consult Regulation (EU) No 305/2011 of the European Parliament and the Council of 9 March 2011, and subsequent Delegated Regulations EU 157/2014 of 30 October 2013, EU 568/2014 of 18 February 2014 & EU 574/2014 of 21 February 2014. Download Regulation (EU) No 305/2011 from:

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2011:088:0005:0043:EN:PDF>

² All information herein is informative and based on the best available information at the date of publication. Window, door and Curtain Walling manufacturers can follow the procedure they consider as the most appropriate to fulfil the requirements of this European regulation.

³ Manufacturers are any natural or legal persons who manufacture construction products such as windows, doors or curtain walling, or who have such products designed or manufactured, and market that products under their name or trademark.

2 Declaration of Performance

One important CPR requirement is for the manufacturer to prepare a document called the Declaration of Performance (DoP). By drawing up a DoP the manufacturer assumes responsibility for the declared performances of the product. In the absence of any indications to the contrary, Member States shall presume that the information which is included in a DoP is accurate and reliable.

The DoP is prepared when the product is placed on the market by the manufacturer and should be in the accepted language of the Member State market concerned.

Products of the same batch which are supplied to a single user may be accompanied by a single DoP copy. Manufacturers can supply the customer with a copy of the DoP either in paper form or by electronic means, including on a web site. When requested by the customer, a paper copy must be supplied.

According to the CPR, when a construction product is in the scope of a harmonised European standard (hEN), and European Union and/or National provisions exist that require the declaration of essential characteristics where the product is intended to be used, a DoP must be prepared with the content as determined by the CPR, the applicable Union and/or National Provisions and the applicable hEN(s).

Table 1: DoP content for windows, doors and curtain walling

DECLARATION OF PERFORMANCE
Unique identification code for the product-type
Name, registered trade name or trade mark and contact address of the manufacturer
Intended use(s) as identified in the applicable hEN(s)
For the intended use(s) a list of all essential characteristics, taken from Annex ZA of the hEN(s):
<ul style="list-style-type: none"> Reference number(s) of the hEN(s) and date of issue The performance (level / class / description)⁴ Name and id number of the involved notified body(ies) if applicable Number of the applicable Assessment and Verification of Constancy of Performance (AVCP) system(s)
Reference to Appropriate Technical Documentation (Cascading/Sharing simplified procedures)
Declaration of responsibility and signature

The DoP must be retained by the manufacturer for a period of at least 10 years since they last sold the product corresponding to this DoP, either in hard copy, electronic form, or accessible on their website.

⁴ According to the CPR the manufacturer is obliged to declare as a minimum the performance of one essential characteristic. For some essential characteristics the manufacturer may decide to declare a lower performance than the one reached during type-testing, or no performance at all (NPD – No Performance Determined) when they are allowed so to do (e.g. the characteristic is not required by a Union or National provisions).

3 Obligations for manufacturers

Manufacturers shall, as the basis for their DoP, draw up a technical documentation report describing all the relevant elements related to the required system of Assessment and Verification of Constancy of Performance (AVCP). This set of documents shall contain:

- The reports of test or other assessment methods (e.g. calculation) demonstrating the performance of the products for all the essential characteristics the manufacturer intends to declare, and the system of verification performed by a Notified Body (AVCP system 1, 2+ or 3) or by the manufacturer (AVCP system 4).
- The sample testing carried out by the manufacturer.
- As the majority of metal window manufacturers are SMEs or microenterprises and several of them are working with systems companies using 'Cascading' or 'Sharing' with other manufacturers (see below), it is important to prove within the Appropriate Technical Documentation that the product they are placing on the market is in line with the product which was tested during Type Testing or Type Calculation, either by the system provider or the manufacturer. For this purpose keeping detailed Factory Production Control (FPC) records according to the relevant harmonised standard(s) is highly recommended, to prove the accuracy, reliability and stability of those test results. Documentation given by the system provider (Cascading) or the manufacturer who tested the product (Sharing) to the manufacturer shall be accompanied by authorisation for the documentation to be used from the documentation owner.
- Issued certificate of constancy of performance of the construction product issued by the notified product certification body (for AVCP system 1) or certificate of conformity of FPC issued by the notified factory production control certification body (for AVCP system 2+)
- Those records are also to include: register of complaints, non-conforming products and product recalls, and the corrective measures their implementation and effectiveness to prevent recurrence of non-conformities.

It is advised that the manufacturer develops technical documentation(s) for different product families in a generic way (e.g. windows for external usage without fire resisting characteristics), which can be used as a common document for each product within the product family. Within this document(s) reference to the content described in the above bullet points should be included.

Where a significant change is made in the manufacturing process(es), the manufacturer shall produce new technical documentation to support the DoP of products which are produced under the new process(es).

Technical documentation shall be retained by the manufacturer for a period of at least 10 years since they last placed on the market a product corresponding to the DoP, to enable them to demonstrate the conformity of the construction product with the DoP should a request be received from a competent national authority responsible for market surveillance.

4 CE marking

By CE marking, the manufacturer is indicating that they take responsibility for the conformity of the construction product with the declared performance as well as with all the applicable requirements defined in the CPR and all other additional related Regulations.

The CE marking:

- Cannot be affixed if a DoP has not been drawn up.
- Shall be affixed (see below) before the product is placed on the market.
- Shall be the only marking which attests conformity of the construction product with the declared performances in relation to the essential characteristics covered by relevant harmonised standard(s).

CE marking⁵ has to accompany the product and can be affixed in one of the following three ways:

- On the construction product
- On the packaging
- With the accompanying documents.

Table 2: CE marking content for windows, doors and curtain walling

CE symbol
Last two digits of the year it was first affixed
Name, registered name or trade mark and contact address of the manufacturer
Unique identification code of the product type linking to the correct DoP
hEN reference number(s) with date(s) of issue.
Intended use(s) according to the relevant hEN(s)
The same performance(s) for the essential characteristic(s) as declared in the relevant DoP
ID number of the involved notified body(ies), if applicable

Essential characteristics with no performance determined (NPD) can be omitted from the CE marking.

The CE marking shall be offered in paper form.

⁵ The CE marking shall be the only marking which states essential characteristics on a product and no other National or Voluntary Marks shall repeat these. Such marks are forbidden for characteristics which relate to the Basic Requirements of Construction Works (BRCWs) and essential characteristics described in Harmonised Standards (hEN).

5 DoP and CE marking: reducing documentation

Based on the manufacturer's preference, there is the option to combine the DoP and the CE marking on the same document. In such a case the document will need to fulfil the obligations of both documents and be offered for both purposes.

Given that on most buildings the manufacturer is contracted to provide and place on the market more than one door and/or window, the manufacturer may reduce the number of documents by combining DoP(s) and/or CE marking(s) in one document, providing all required information is declared. Please refer to the following examples in Section 8.

6 Harmonised standards (hENs)

After the publication of hENs in the Official Journal of the European Union (OJEU), a coexistence period is identified to allow manufacturers reasonable time to prepare for the CE marking before it becomes mandatory, to enable them to fulfil the new requirements accordingly.

Manufacturers are obliged to comply with the version of the hEN that is cited in the OJEU at the time the product is placed on the market.

Creation of a DoP and CE marking are possible from the moment a relevant hEN is within its coexistence period. CE marking is mandatory after the end of coexistence period. Conflicting National Standards shall be withdrawn and Member States shall terminate the validity of all conflicting national provisions. Relevant hENs are listed below:

hEN 14351-1: 'Windows and doors - Product standard, performance characteristics - Part 1: Windows and external pedestrian doorsets'

hEN 14351-1 identifies material independent performance characteristics that are applicable to windows (including door height windows), external pedestrian doorsets (including escape route doorsets and their assemblies).

hEN 13830: 'Curtain walling - Product standard'

hEN 13830 specifies characteristics of curtain walling and provides technical information on the varying performance requirements which apply throughout Europe and the test criteria and sequence of testing to which the product is subjected, in order to demonstrate conformity.

hEN 13659: 'Shutters and external venetian blinds – Performance requirements including safety'

hEN 13659 defines the performance requirements for shutters and external venetian blinds intended to be fitted externally to buildings and other construction works.

hEN 16034: 'Pedestrian doorsets, industrial, commercial, garage doors and openable windows - Product standard, performance characteristics - Fire resisting and/or smoke control characteristics'

hEN 16034 provides material-independent safety and performance requirements applicable to all fire resisting and/or smoke control products intended to be used in fire and/or smoke compartmentation and/or escape routes⁶.

EN 14351-2: 'Windows and doors - Product standard, performance characteristics - Part 2: Internal pedestrian doorsets' (PLEASE NOTE: candidate hEN, expected to be cited in 2018)

EN 14351-2 offers material-independent performance characteristics that are applicable to internal pedestrian doorsets intended to be used internally in construction works.

⁶ At the time of writing and from the available hENs listed in this section, hEN 16034:2014 shall only be applied together with hEN 14351-1:2006+A2:2016.

7 Other important issues

Additional elements of the CPR to consider:

- Where applicable, information regarding REACH⁷ must be provided with the DoP. This requirement is for a "Safety data sheet" to be provided for substance(s)/preparation(s) by the original manufacturer(s). For windows, doors, and curtain walling, which this Regulation calls "articles", the manufacturer only has to supply information if the content of a dangerous substance is more than 0.1% (by mass).
 - Where this threshold limit will be exceeded, sufficient information must be made available from the manufacturer, to allow safe use of the article including, as a minimum, the name of that substance.
- Instructions and safety information: Manufacturers must ensure that the product is accompanied by instructions and safety information which can be easily understood by users in a language determined by the Member State concerned.
- Economic operators: The manufacturer is required to be able to provide, should a Market Surveillance inspection be carried out, a list with details of the economic operators they have supplied product to, or been supplied product by.
- Maintenance: Products will require regular cleaning and maintenance to achieve their anticipated life. The location, use and associated atmospheric conditions will have a considerable bearing on the frequency of such cleaning and maintenance inspection cycles, as will the materials and finishes in the product. Failure to undertake this can considerably reduce the life of materials, components, products and finishes.
 - For this reason it is strongly recommended that a method statement covering specific recommendations for routine maintenance, cleaning including suitable cleaning agents, and any lubrication/adjustments to moving parts is prepared for each project, taking guidance from the applicable hENs.

⁷ Regulation (EC) No 1907/2006 of the European Parliament and the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

8 DoP and CE marking examples for windows, doors and shutters

This section sets out several examples of alternative DoP and CE marking templates that a manufacturer may follow.

The DoP shown in Figure 1 closely follows the format set out in Annex III of the CPR [Delegated Regulation (EU) No 574/2014]. Provided that the mandatory evidence required by Article 6 of the CPR [Regulation (EU) No 305/2011] is provided in a clear, complete and coherent manner, when drawing up a DoP, it is possible to:

- use a different layout to that in the model.
- Combine the points of the model by presenting some of them together.
- present the points of the model in a different order or using one or more tables.
- omit some points of the model which are not relevant for the product for which a DoP is drawn up (e.g. if the DoP is based on a harmonised standard, there is no reference to a European Technical Assessment).
- present some of the points without numbering them.

This flexibility for a DoP is demonstrated in the other examples provided.

Please note that the examples given refer to the most recent version of the hEN standard that is cited in the OJEU and that must be used for CE marking at the time of writing.

DECLARATION OF PERFORMANCE

No WM_W_001

1. Unique identification code of the product-type:	WM_W_001
2. Intended use/es:	Window intended to be used in domestic and commercial locations
3. Manufacturer:	Window Manufacturer Ltd, PO Box 21, B-1050, Brussels, Belgium
4. Authorised representative:	-
5. System/s of AVCP:	3
6a. Harmonised standard:	EN 14351-1:2006+A2:2016
Notified body/ies:	9999 and 8888
6b. European Assessment Document:	-
European Technical Assessment:	-
Technical Assessment Body:	-
Notified body/ies:	-
7. Declared performance/s:	
Watertightness (non-shielded)	6B
Dangerous substances	
Resistance to wind load:	
Test pressure P1	5
Frame deflection	A
Load bearing capacity of safety devices	NPD
Acoustic performance	38 dB
Thermal transmittance	1,2 (W/m ² K)
Radiation properties:	
Solar factor (g)	0.58
Light transmittance (τ _v)	0.45
Air permeability	4
8. Appropriate Technical Documentation and/or Specific Technical Documentation:	Cascading_System_House_1
The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.	
Signed for and on behalf of the manufacturer by:	
[name]	
At [place] on [date of issue]	
[signature]	

Figure 1: Example DoP for a window in the scope of hEN 14315-1, following the model in Annex III of the CPR (Delegated Regulation (EU) No 574/2014).

NOTE: The declared performance for "Dangerous substances" has been left blank on the basis that these windows do not contain materials that emit dangerous substances and no test method is specified in the harmonised standard.


 <p>Window Manufacturer Ltd, PO Box 21, B-1050, Brussels, Belgium</p> <p>No WM_W_001</p> <p>EN 14351-1:2006+A2:2016</p> <p>Notified Body A (9999) Notified Body B (8888)</p> <p>Window intended to be used in domestic and commercial locations</p>	
Essential Characteristics	Performance
Watertightness Non-shielded	6B
Dangerous substances	
Resistance to wind load - Test pressure P1 - Frame deflection	5 A
Load bearing capacity of safety devices	NPD
Acoustic performance	38 dB
Thermal transmittance	1,2 (W/m ² K)
Radiation properties Solar factor (g) Light transmittance (τ _v)	0,58 0,45
Air permeability	4

Figure 2: CE marking for the window detailed in the example DoP in Figure 1.

Declaration of Performance

No DOEGD001

External door

Window Manufacturer Ltd, PO Box 21, B-1050, Brussels, Belgium

Essential Characteristics	Performance	AVCP	Harmonised standard
Watertightness Non-shielded	6B	System 3	EN 14351-1:2006+A2:2016
Dangerous substances	-		
Resistance to wind load - Test pressure P1 - Frame deflection	5 A		
Impact resistance - Drop height	700 (mm)		
Load bearing capacity of safety devices	NPD		
Height	2.200 (mm)		
Ability to release	NPD		
Acoustic performance	NPD		
Thermal transmittance	1,6 (W/m ² K)		
Radiation properties Solar factor (g) Light transmittance (τ _v)	NPD NPD		
Air permeability	4		

Notified Bodies: Notified Body A (9999); Notified Body B (8888)

The performance of the product(s) identified above is in conformity with the set of declared performances. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Name	Place and date of issue	Signature

Figure 3: Example DoP for an external door in the scope of hEN 14351-1.

NOTE: For a more “user-friendly” DoP, particularly when more than one Notified Body has been involved, it is possible to include a column that correlates each essential characteristic with the relevant Notified Body.


 <p>No DOEGD001</p> <p>External door</p> <p>Window Manufacturer Ltd, PO Box 21, B-1050, Brussels, Belgium</p> <p>EN 14351-1:2006+A2:2016</p>	
Essential Characteristics	Performance
Watertightness Non-shielded	6B
Dangerous substances	
Resistance to wind load - Test pressure P1 - Frame deflection	5 A
Load bearing capacity of safety devices	NPD
Acoustic performance	38 dB
Thermal transmittance	1,2 (W/m ² K)
Radiation properties Solar factor (g) Light transmittance (τ _v)	0,58 0,45
Air permeability	4
Notified Body A (9999) Notified Body B (8888)	
Declaration of Performance made available at: www.wm-ltd.eu/DoP/DOEGD001.pdf	

Figure 4: CE marking for the external door detailed in the example DoP in Figure 3.



Declaration of Performance

No DOEE130GD001
Fire resisting external door



Window Manufacturer Ltd, PO Box 21, B-1050, Brussels, Belgium

Essential Characteristics	Performance	AVCP	hEN
Resistance to fire	EI 30	System 1	EN 16034:2014
Smoke leakage	S _m		
Self-closing	C5		
Durability of ability to release	Release maintained		
Durability of self-closing -against degradation (cycling testing) -against ageing (corrosion)	2 achieved		
Watertightness Non-shielded	6B	System 3	EN 14351-1:2006+A2:2016
Dangerous substances			
Resistance to wind load -Test pressure P1 - Frame deflection	5 A		
Impact resistance Drop height [mm]	700		
Load bearing capacity of safety devices	NPD		
Height [mm]	2200		
Ability to release	NPD		
Acoustic performance [dB]	38		
Thermal transmittance [W/m²K]	1,2		
Radiation properties Solar factor (g)	0,58		
Light transmittance (τ _v)	0,45		
Air permeability	4		

[1] Notified Body A (9999) · [2] Notified Body B (8888) · [3] Notified Body C (7777) · [4] Notified Body D (6666) · [5] Notified Body D (5555)

The performance of the product(s) identified above is in conformity with the set of declared performances. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Name	Place and date of issue	Signature

Figure 5: Combined example DoP and CE marking for an external fire resisting door in scope of hEN 14351-1 and hEN 16034.

NOTE: QR code top right to provide link to DoP on manufacturer's website.)



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Declaration of Performance

Manufacturer: Window Manufacturer Ltd, PO Box 21, B-1050, Brussels



Products list							Appropriate Technical Documentation:	SH 023/2013
Unique identification code of the product type:	DOEEI30GD001	DOEEI30GD002	DOEGD001	SOEGD001	DDHTTGW001	DDHTTPW002	Notified Body/ies:	9999; 8888; 7777
Intendent use:	Fire resisting exterior door	Fire resisting exterior door	Exterior door	Exterior door	Window	Window	Certificates of constancy of performance:	222/2013
Essential Characteristics	Declared Performance/s:						System/s of AVCP	Harmonised standard
	EN 16034	EN 16034						
Resistance to fire	EI 30	EI 30					System 1	EN 16034:2014
Smoke control	S _m	S _m						
Ability to release	released	released						
Self-closing	C	C						
Durability of ability to release	release maintained	release maintained						
Durability of self-closing								
- against degradation (cycling testing)	2	2					System 3	EN 14351-1:2006+A2:2016
- against ageing (corrosion)	achieved	achieved						
	EN 14351-1	EN 14351-1	EN 14351-1	EN 14351-1	EN 14351-1	EN 14351-1		
Watertightness:								
- Shielded (A)					9A			
- Test pressure (Pa)					600			
Watertightness:								
- Non-Shielded (B)	6B	6B	6B	5B		7B		
- Test pressure (Pa)	250	250	250	200		300		
Dangerous substances								
Resistance to wind load:								
-Test pressure P1	5	5	5	5	5	E2400		
- Frame deflection	A	A	A	A	B	C		
Impact resistance:								
- Drop height (mm)	700	700	700	700	NPD	NPD		
Load bearing capacity of safety devices	NPD	NPD	NPD	NPD	NPD	NPD		
Height (mm)	2200	2200	2200	2200				
Ability to release	NPD	NPD	NPD	NPD				
Acoustic performance (dB)	NPD	NPD	NPD	NPD	37	NPD		
Thermal transmittance (W/m ² K)	1.2	1.3	1.3	1.4	1.1	1.0		
Radiation properties:								
- Solar factor (g)	0.58	0.58	0.58	0.58	0.45	0.58		
- Light transmittance (τ _v)	0.45	0.45	0.45	0.45	0.40	0.45		
Air permeability:	4	4	4	4	4	4		
- Max test pressure (Pa)	600	600	600	600	600	600		
- Reference air permeability at 100Pa (m ³ /hm ²) or (m ³ /hm)	3 or 0,75	3 or 0,75	3 or 0,75	3 or 0,75	3 or 0,75	3 or 0,75		

The performance of the products identified above are in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Name	Place and date of issue	Signature

Figure 6: Combined example DoP and CE marking on one sheet for a set of different products for a project.

Declaration of Performance

No DOE130GD001

External pedestrian doorsets – Type XYZ

AnyCo Ltd
PO Box 21
B-1050
Brussels
Belgium

Company
logo

EN 14351-1:2006+A2:2016				System 3				Notified Body No 9999			
Essential characteristics											
Product No	Watertightness	Dangerous substances	Resistance to wind load	Impact resistance	Load-bearing capacity of safety devices	Height [mm]	Acoustic performance R_w (C; C_{tr}) [dB]	Thermal transmittance U_o [W/m²K]	Radiation properties		Air permeability
									g value [%]	Light transmittance (τ_v) [%]	
1	3A	-	B1	1	-	2200	NPD	1.8	60	72	1
2	3A	-	B1	1	-	2100	NPD	1.8	60	72	2
3	3A	-	B1	NPD	-	2200	NPD	1.2	-	-	2
4	3A	-	B1	NPD	-	2100	NPD	1.8	60	72	1
5	6B	-	B1	NPD	-	2150	NPD	1.8	60	72	1

NPD = No Performance Determined

The performance of the product(s) identified above is in conformity with the set of declared performances. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Name	Place and date of issue	Signature



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AnyCo Ltd, PO Box 21, B-1050, Brussels, Belgium

No. DOE130GD001-4

EN 14351-1:2006+A2:2016

External pedestrian doorset – Type XYZ

Watertightness	3A
Resistance to wind load	B1
Height [mm]	2100
Thermal transmittance (U_o) [W/m ² K]	1.8
g value [%]	60
Light transmittance (τ_v) [%]	72
Air permeability	1
Notified Body No 9999	

Figure 7: Example DoP for five product types on one sheet (top) and example for one CE marking derived from the DoP (bottom).



Declaration of Performance

No WM_S_001
Shutter for external use

Window Manufacturer Ltd, PO Box 21, B-1050, Brussels, Belgium

Essential Characteristics	Performance	System of AVCP	Harmonised standard
Resistance to wind loads	6B	4	EN 13659:2004+A1:2008

The performance of the product(s) identified above is in conformity with the set of declared performances. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Name	Place and date of issue	Signature

Figure 8: Combined example DoP and CE marking for a shutter according to hEN 13659.



Declaration of Performance

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Window Manufacturer Ltd, PO Box 21, B-1050, Brussels, Belgium

Essential Characteristics	No CWSH150PP		Harmonised standard
	Curtain walling		
	Performance	System of AVCP	
Reaction to fire of profile	E	3	EN 13830:2003
Fire resistance	NPD	3	
Fire propagation	NPD		
Watertightness	R6		
Resistance to own dead load: [kN]	NPD		
Wind load resistance: [kN/m²]	9,1		
Impact resistance	NPD		
Thermal shock resistance	NPD		
Resistance to horizontal loads: [kN at m sill height]	NPD		
Air permeability	A4		
Thermal transmittance U: [W/(m²K)]	1,6		
Airborne sound insulation [dB]	NPD		

[1] Notified Body A (9999) · [2] Notified Body B (8888) [3] Notified Body C (7777)

The performance of the product(s) identified above is in conformity with the set of declared performances. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Name	Place and date of issue	Signature

Figure 9: Combined example DoP and CE marking for a curtain walling according to hEN 13830.



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Declaration of Performance

Window Manufacturer Ltd, PO Box 21, B-1050, Brussels, Belgium

Compartment:	A		B		hEN
Unique identification code of the product type:	No CWSH150PP		No CWSH1EI6050PP		
Intended use:	Curtain Walling		Fire resisting Curtain Walling		
Essential Characteristics	Performance	AVCP	Performance	AVCP	
Reaction to fire of profile	E	3	E	3	
Fire resistance	NPD	3	EI 60	3	EN 13830:2003
Fire propagation	NPD		EI 60		
Watertightness	R6		R6		
Resistance to own dead load: [kN]	NPD		NPD		
Wind load resistance: [kN/m²]	9,1		9,1		
Impact resistance	NPD		NPD		
Thermal shock resistance	NPD		NPD		
Resistance to horizontal loads: [kN at m sill height]	NPD		NPD		
Air permeability	A4		A4		
Thermal transmittance U [W/(m²K)]	1,6		1,6		
Airborne sound insulation [dB]	NPD		NPD		

[1] Notified Body A (9999) · [2] Notified Body B (8888) [3] Notified Body C (7777) [4] Notified Body D (6666) [5] Notified Body E (5555)

The performance of the product(s) identified above is in conformity with the set of declared performances. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Name	Place and date of issue	Signature

Figure 10: Combined example DoP and CE marking for a curtain walling with different characteristics in different compartments.

9 Further information

9.1 Useful publications

1. Joint European Aluminium and FAECF publications (double-click icons below to open):



DoP_CE_Matrix

Table with all necessary definitions in most official and working EU-27 languages.



CE_Leaflet

Leaflet to assist stakeholders when requesting a DoP as well as CE marking.

2. European Commission CPR FAQs:

<http://ec.europa.eu/growth/sectors/construction/product-regulation/faq/>

9.2 Construction Products Regulation (Regulation (EU) No 305/2011) Important Articles for manufacturers

The most important Articles for window, door and curtain walling manufacturers to refer to within the Construction Products Regulation:

§ 4, 5, 6, 7 & Annex III	Declaration of Performance <i>See also Delegated Regulation (EU) No 574/2014 (Annex III of the CPR); also Delegated Regulation (EU) No 157/2014 concerning the conditions for making a Declaration of Performance on construction products available on a website</i>
§ 8, 9	CE marking
§ 11	Obligations for manufacturers
§ 17	Harmonised Standards
§ 36	Use of Appropriate Technical Documentation
§ 37	Use of simplified procedures by micro-enterprises

9.3 Cited versions of hENs

All hENs are located in the consolidated list of [hENs cited in the OJEU](#). The hENs described in the present guideline and developed by [CEN](#) have the following (dated) coding:

- [EN 14351-1:2006+A2:2016](#)
- [EN 13659:2004+A1:2008](#)
- [EN 13830:2003](#)
- [EN 16034:2014](#)

Please check the listings in the OJEU to ensure that the correct version of the hEN is used for the purposes of CE marking.



European Aluminium

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FAECF

Federation of European Window and
Curtain Walling Manufacturers' Associations

faecf.eu