

Market Surveillance Campaign 2024

Structural timber within the scope of EN 14081-1 must be CE Marked since July 2013.



Economic Operator such as:

- Manufacturer;
- Importer;
- Authorised representative;
- Distributor
- Fulfilment service provider,
- or any other natural or legal person who is subject to obligations in relation to the manufacture of products, making them available on the market or putting them into service in accordance with the relevant Union harmonisation legislation

of Structural timber should be aware of their obligations under the CPR for CE Marking when placing product on the marking.



"The Construction Products Regulation (EU) No 305/2011 (CPR) is European Union (EU) legislation that sets out rules for the marketing of construction products in the EU."

The National Building Control & Market Surveillance Office (NBCMSO) along with 31 Local Market Surveillance Authorities monitor and enforce the statutory requirements set out under the European Union (Construction Products) Regulations 2013 and amended by S.I 217 of 2023 and Regulations (EU) No. 305/2011 in accordance with Regulation 1020 of 2019 on a nationwide basis. These Market Surveillance Authorities will be carrying out announced and unannounced inspections of economic operators (manufacturers, importers, distributors, authorised representatives and fulfilment service providers) to ensure technical and formal compliance for Structural timber including those within the scope of [EN 14081-1](#). The objective of the Market Surveillance Office is to ensure that only products compliant with the Construction Products Regulation [\(EU\) No 305/2011](#), are placed on the market. If you receive a visit from a Market Surveillance Authority they may check that you have applied the CE Marking criteria correctly, that you have all the required documentation in place (see overleaf) and may take a sample away for testing. Anybody obstructing, impeding or providing false information to the Authorised Officer may be committing an offense under the Construction Product Regulations."

The Market Surveillance Campaign 2024 is co-ordinated by the

National Building Control & Market Surveillance Office.

For all queries, please email: support@nbco.gov.ie

Further information is available via our website: nmsso.nbco.localgov.ie



What happens if I receive a visit from the Market Surveillance Authority?

1. GENERAL

An Authorised Officer in exercise of their powers as the Authorised Officer under 12(3) S. I. 225 of 2013 European Union (Construction Products) Regulations may inspect and request the information outlined in Table 1 below, having regard to your obligations under Construction Products Regulations.

Information sought (but not limited to) relevant to the of each Economic Operator.

2. TIMELINE FOR COMPLIANCE

The information sought should be readily available onsite. CE Marking of construction products is mandatory across the EU since 1 July 2013.

No.	Description	Manufacturer	Importer	Distributor/
1.	A copy / photograph of the CE mark (Method A only)	Y	Y	Y
2.	A Valid Declaration of Performance (DoP).	Y	Y	Y
3.	The technical documentation to support that the product complies with the requirements of EN 14081-1	Y	Y	Y
4.	The test reports and details in respect of type testing of the product.	Y	-	-
5.	Details of the notified factory production control certification body (AVCP System 2+)	Y	-	-
6.	Instructions and safety information in the form of a Material Safety Data Sheet (MSDS) which can be easily understood by users.	Y	Y	Y
7.	The means by which products within the scope of EN 14081-1 are placed, or made available, on the market can be identified and traced throughout the supply chain.	Y	Y	Y

3. TAKE NOTICE

In the event that the required documentation is not available at time of inspection or on request for information, you may make representations in writing to the Market Surveillance Authority within 14 days. The Market Surveillance Authority may, having considered any such representations, amend the terms of this request for information or confirm or revoke the request for information.

4. TAKE FURTHER NOTICE

If the Economic Operator: -

- do not comply with the terms of a request for information within the aforementioned period or
- the documentation submitted/made available on the date of visit, is not in compliance with the Construction Products Regulation,

the Market Surveillance Authority may take such steps as it considers reasonable and necessary to secure compliance with the request for information under the Construction Products Regulation, up to and including prosecution through the Courts.

5. WARNING

A person guilty of an offence under S. I. 225 of 2013 the European Union (Construction Products) Regulations is liable: -

- on summary conviction to a fine up to €5,000 or to a term of imprisonment up to 3 months or to both; or
- on conviction on indictment to a fine up to €500,000 or to a term of imprisonment up to 12 months or both.

6. ADDITIONAL INFORMATION

- Regulation No (EU) 305/2011 <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2011:088:0005:0043:EN:PDF>
- European Union (Construction Products) Regulations 2013 <http://www.irishstatutebook.ie/2013/en/si/0225.html>
- [CE Marking of Construction Products—Step by Step](#)
- [EN 14081-1:2016—Timber structures - Strength graded structural timber with rectangular cross section - Part 1: General requirements](#)
- [I.S. 127:2015—Structural Timber—Visual Strength Grading—Sawn Softwoods with Rectangular Cross section](#)

Refer to section 7 of EN 14081-1:2016 Timber Structures for guidance on the Marking the product in accordance with hEN

The following is the extract from the EN14081-1: 2016 TIMBER STRUCTURES - STRENGTH GRADED STRUCTURAL TIMBER WITH RECTANGULAR CROSS SECTION - PART 1: GENERAL REQUIREMENT.

7. Marking

7.1 Marking methods

Strength graded structural timber shall be marked according to one of the following two methods:

a) Method A - Individual piece marking: Each piece of graded structural timber shall be clearly and indelibly marked to provide the information given in 7.2.

b) Method B - package marking: Each package of graded structural timber shall be clearly and indelibly marked with a label attached to the package to provide the information given in 7.2.

In addition, for both method A and method B, the information listed in 7.3 together with those in 7.2 shall be given in accompanying commercial documentation,

Visually strength graded structural timber shall be marked according to either Method A or Method B.

NOTE 1 National regulations may exist which limit the method to be used.

Machine strength graded timber shall be marked according to Method A.

NOTE 2 For information on CE marking see ZA.3.2 and ZA.3.3.

7.2 Information on the timber (method A) or on the package (method B)

The following information shall be given, as appropriate, on the strength graded structural timber (method A) or on the package of such timber (method B):

a) name or identifying mark of the manufacturer; NOTE Registered address of the manufacturer may also be added.

b) symbol "M", when machine graded, (see Clause 4);

c) symbol "DG" when dry-graded, (see Clause 4). An alternative symbol may be used provided that it relates to timber dried prior to grading in accordance with 5.1.1, so that the requirements related to dry-graded timber are fully met. In such a case, the detailed definition of this alternative symbol shall be clearly stated by the manufacturer in the documentation, accompanying the timber;

d) identification code, which identifies product from the accompanying documents;

e) performance of some of the characteristics of the timber, i.e. modulus of elasticity (mean), bending strength, tension strength, compression strength, shear strength, density. This may be declared by reference to a single strength class.

Where regulatory marking provisions require information on some or all items listed in this clause, the provisions of this clause concerning those common items are deemed to be met and the information needs not be repeated for the purpose of this clause.

7.3 Information in the documents accompanying strength graded structural timber

The following information, in addition to that specified in 7.2, shall be given in the commercial documents, accompanying all strength graded structural timber:

a) identification code relating accompanying documents to the timber or package;

b) number of this European Standard, and the year of its publication;

c) type, batch or serial number or any other element which refers to the production lot (e.g date, working shift,...);

d) description of the timber, declared as:

— generic name: strength graded structural timber;

— tolerance class of dimension;

— species code as specified:

— in accordance with EN 13556, if single species, (see Table B.1 in Annex B); or

— in Table B.2 in Annex B, if species combination;

— or the botanical species if not in Tables B.1 or B.2 or EN 13556;

— code identifying the country (or countries) of origin of growth in accordance with EN ISO 3166-1;

— grade and grading standard, where visually graded;

— the reference number of the Approved Grading Report when relevant;

— specific end use of timber if relevant (see 5.1.1);

- e) when performances are declared in 7.2 by a strength class either:
- by normative reference to the relevant strength class standard (for example: EN 338);
 - or the list of the individual performances related to the strength class; modulus of elasticity, bending strength, compressive strength, tensile strength, shear strength and density.
- f) reaction to fire, class according to EN 13501-1, either:
- as Class D-s2, d0, without the need for further testing (CWFT); or
 - based on results of relevant test methods, carried out according to the standards, referred in EN 13501-1, together with mounting and fixing conditions given in 5.3b);
- g) fire resistance (charring rate), declared as, characteristic density and the species;
- h) release of dangerous substances, see 5.4, where relevant;
- i) durability performance (i.e. resistance to biological organisms) of the timber:
- without preservative treatment (i.e. natural biological durability): declared as classification against wood destroying fungi, insects, termites and marine borers, according to EN 350-2, or
 - with preservative treatment indication "PT" and additional information in accordance with EN 15228.

NOTE In some places of use, the indication PT is mandatory for each piece of timber having received a preservative treatment.

Where regulatory marking provisions require information on some or all items listed in this clause, the provisions of this clause concerning those common items are deemed to be met and the information needs not be repeated for the purpose of this clause.

Additionally if the product has been assessed under I.S. 127 : 2015—full title

Softwood graded in Ireland (Irish and imported timber) with the factory production control undergoing third party surveillance by a notified body covering I.S. 127 must mark the product in accordance with 'Method A' only.

The following is an extract from [I.S. 127 :2015—Structural Timber—Visual Strength Grading - Sawn Softwoods with Rectangular Cross section.](#)

7 Marking

7.1 Marking requirements

Each piece of timber visually strength graded to this Irish Standard shall be marked in accordance with Method A in clause 7.1 of I.S. EN 14081-1:2006+A1:2011. Each individual piece of timber shall have the following information clearly and indelibly marked on at least one face:

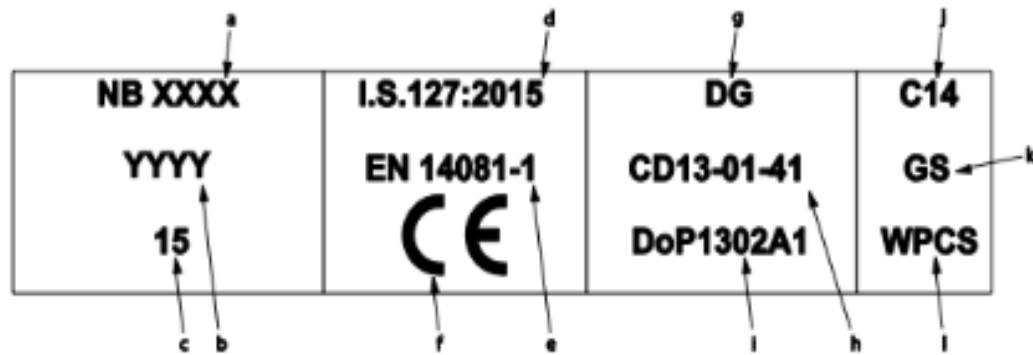
- identification number of the notified body;
- name or identifying mark of the manufacturer;
- last two digits of the year in which the marking as required by this clause was affixed;
- grade;
- standard reference "I.S. 127:2015";
- strength class using I.S. EN 1912;
- "DG" (signifying that the timber was dry when graded);
- identification code number, enabling the timber to be identified from the accompanying documents;
- reference number of the Declaration of Performance;
- CE Mark if applicable;
- species code:
 - if a single species, the species code according to I.S. EN 13556;
 - if a species combination, the species code specified in I.S. EN 14081-1.

Examples are given in Figures 11 and 12 of a mark on visually strength graded softwood using the GS/SS

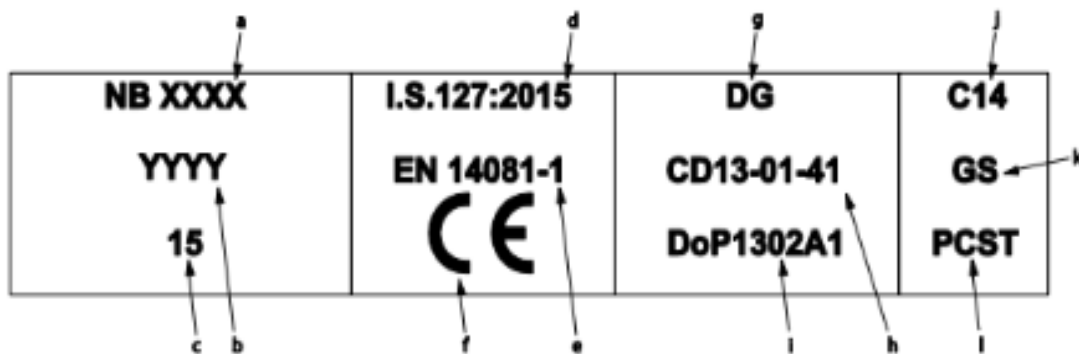
Grading Rules

The above are the minimum marks required by this Irish Standard. Where the CE mark is to be applied then the requirements of I.S. EN 14081-1:2006+A1:2011 apply and additional marks and requirements would be Applicable

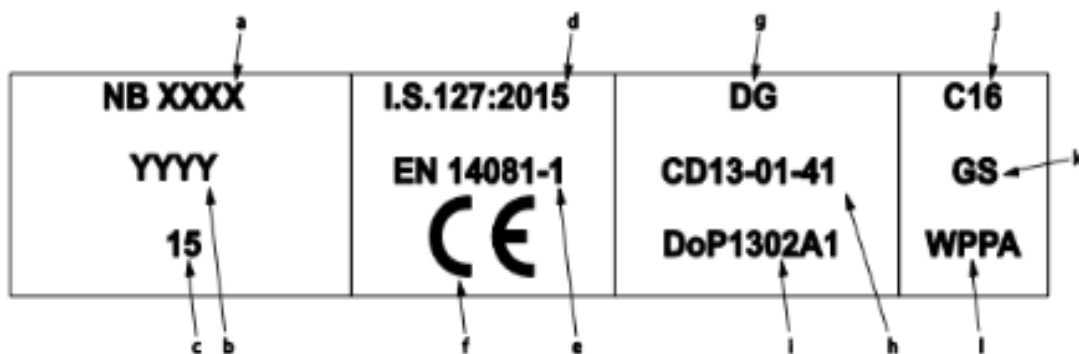
Note: All relevant standards referenced above can be purchased from the NSAI website: <https://shop.standards.ie/en-ie/>



a) Example 1 - C14 strength class



b) Example 2 - C14 strength class



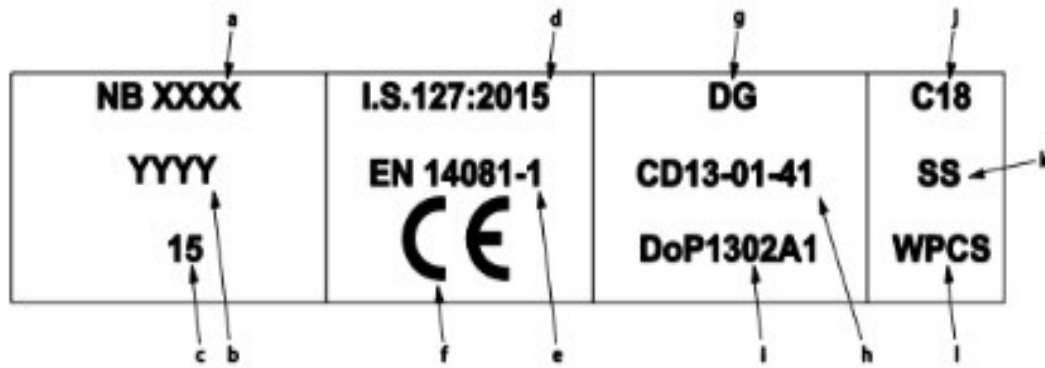
c) Example 3 - C16 strength class

Key

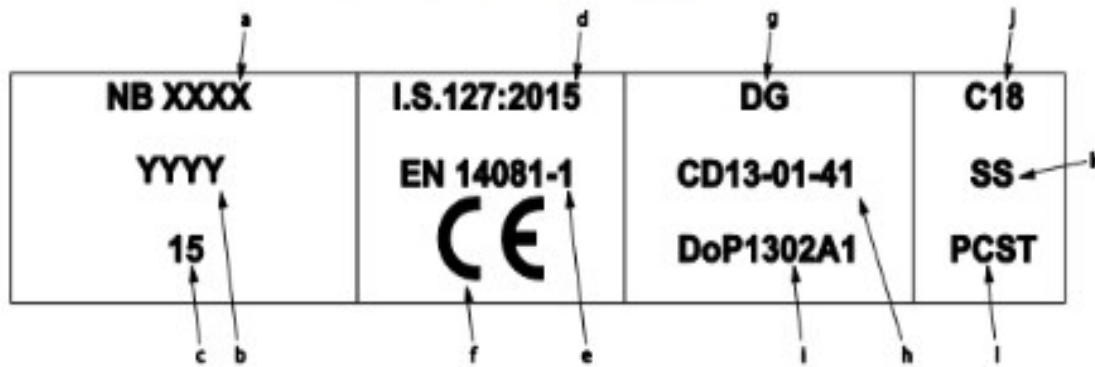
- | | | | |
|---|--|---|---|
| a | Identification number of notified body | g | DG indicated that the timber was visually graded dry |
| b | Name or identifying mark of the manufacturer | h | Example of an identification code linking the timber to the accompanying documents. The manufacturer should use their own identification code |
| c | Last two digits of the year in which marking was affixed | i | Reference number of the Declaration of Performance |
| d | I.S. 127:2015 is the visual grading standard and the year of publication | j | Strength class derived from I.S. EN 1912 for the relevant grade and species |
| e | EN 14081-1 is the governing European standard for timber grading | k | Grade |
| f | CE mark | l | Species code |

NOTE I.S. EN 14081-1 should be consulted for CE Marking requirements.

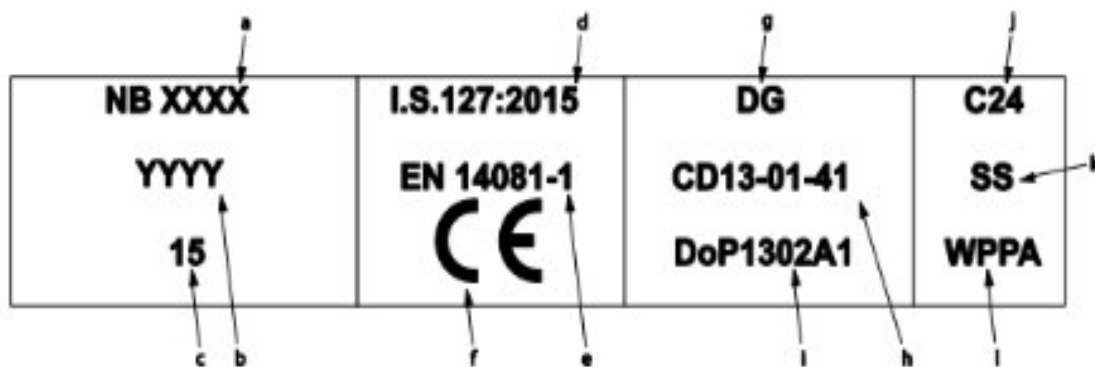
Figure 11 — Examples of a mark on softwood visually strength graded to GS grade



a) Example 1 - C18 strength class



b) Example 2 - C18 strength class



c) Example 3 - C24 strength class

Key

- | | | | |
|---|--|---|---|
| a | Identification number of notified body | g | DG indicated that the timber was visually graded dry |
| b | Name or identifying mark of the manufacturer | h | Example of an identification code linking the timber to the accompanying documents. The manufacturer should use their own identification code |
| c | Last two digits of the year in which marking was affixed | i | Reference number of the Declaration of Performance |
| d | I.S. 127:2015 is the visual grading standard and the year of publication | j | Strength class derived from I.S. EN 1912 for the relevant grade and species |
| e | EN 14081-1 is the governing European standard for timber grading | k | Grade |
| f | CE mark | l | Species code |

NOTE I.S. EN 14081-1 should be consulted for CE Marking requirements.

Figure 12 — Examples of a mark on softwood visually strength graded to SS grade

An example of what a DoP is shown below (the associated comments would not be part of DoP)

DECLARATION OF PERFORMANCE

DoP No 16/B/00

DoP Item	Performance or level example	Comment
1. The unique identification code of the product type:	Strength graded structural timber with rectangular cross section	<i>This is a manufacturers' code identifying individual or a group of product</i>
2. The intended use/s:	Buildings and bridges	<i>The intended use; a specific use (e.g. stud-ding) could be stated</i>
3. The manufacturers name, registered trade name/ trade mark and contact address	Any Timber Company Ltd Newtown, Ireland	<i>This is to enable the manufacturer to be identified</i>
4. The authorised representative (if appropriate)	Not appropriate	<i>The name and contact details of authorised representatives would be entered here if appropriate.</i>
5. System/s of AVCP	2+	<i>EN 14081-1 is applicable only to an AVCP of 2+.</i>
6. (a) Harmonised standard	EN 14081-1:2016	<i>The harmonised standard and year</i>
(b) Notified body	TimberCert NB xxxx	<i>The name or number of the Notified body</i>
7. Declared performance/s		
Mechanical resistance:		
Bending strength	Minimum C16 to EN 338.	
Compressive strength		<i>The term mechanical resistance is used in EN 14081-1 and other standards. Strength class is the most common way of declaring the timber's design properties.</i>
Tensile strength		
Shear strength		
Modulus of elasticity (mean)		
Fire resistance	Species group PCST Declared by strength class above	<i>Related to species and characteristic density</i>
Reaction to fire	D-s2,d0 CWFT	<i>Timber classified without further testing</i>
Durability	Durability class 4-5 for fungal attack according to EN 350	<i>The timber is untreated and most softwood timbers are not durable. If treated other information is re-quired on the preservative treatment used</i>
Release of dangerous substances	NPD	<i>No performance determined</i>
8. Appropriate Technical Document and/or Specific Technical Documentation		<i>This would be more appropriate where there is an ETD or where technical documentation has been used. This would usually be rare for solid timber.</i>
Name, Signature, date, location		<i>This is filled in by the responsible person on behalf of the manufacturer</i>