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Sustainability and the Built Environment

Contents

- What is the Construction Products Regulation (CPR)
- How to legally place a construction product on the market
- Responsibilities of key players
- Role of NSAI



What is the CPR? EU Regulation No.305/2011

- It is the primary regulatory act to be adhered to when placing a construction product on the market
- It lists the 7 basic requirements for construction works
- Products which meet the requirements of the CPR are able to display the CE mark and be sold anywhere in the EU
- Designed to break down technical barriers to trade



Basic Requirements for Construction Works (CPR)

Mechanical resistance and stability

Safety in case of fire

Hygiene, health and the environment

Safety and accessibility in use

Protection against noise

Energy, economy and heat retention

Sustainable use of natural resources



What CE marking will do

- Enable free movement of goods throughout EU member states and beyond. Remove barriers to trade.
- Place responsibility with the manufacturer or importer of goods; whoever places the product on the market. Primarily self certification.
- Allow manufacturer to declare performance and place product on the market.

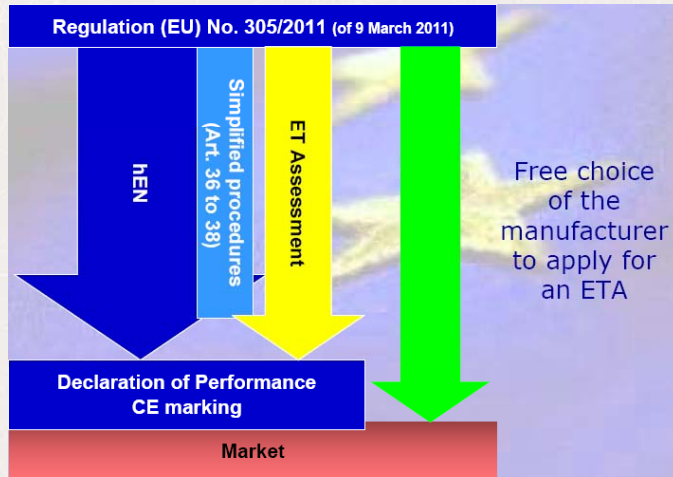


What CE marking will **NOT** do

- Not evidence of compliance in itself.
It is a declaration by the manufacturer.
- Not a quality mark.
- Does not prove compliance with national building regulations.
- Does not necessarily indicate that product satisfied any pass/fail criteria.

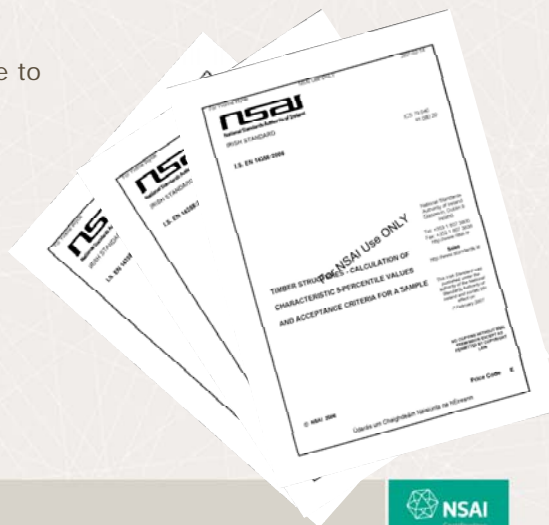


Paths to Market



6 Steps to CE Marking (hEN Route)

1. Identify hEN applicable to your product.
2. Verify Essential Characteristics.
3. Determine if a NB is required.
4. Test the product
5. Draft Declaration of Performance
6. Affix CE mark.



Step 3 Determine if NB is required - Annex ZA

Attestation of conformity (AoC) System	1+	1	2+	3	4
Certificate of constancy of performance from- NB	Y	Y	N	N	N
Certificate of conformity of the FPC	N/A	N/A	Y	N	N
DoP- Manufacturer or other	Y	Y	Y	Y	Y
Determination of product type	NB	NB	Man	Man	Man
FPC - Manufacturer	Y	Y	Y	Y	Y
Testing of samples IAW test plan-Manufacturer	Y	Y	Y	Y	Y
Audit testing of samples prior to placing on market – NB or Notified Test Body (TB)	Y	N/A	N/A	TB	N/A
Initial inspection of manufacturing plant and of the FPC - NB	Y	Y	Y	N	N
Continuous surveillance and assessment and evaluation of the FPC - NB	Y	Y	Y	N	N



Steps to CE marking (ETA route)

- Procedure laid down in Annex II of CPR
 1. Identify technical assessment body (TAB) of choice.
 2. Define work program with TAB and agree which essential characteristics performance is to be declared.
 3. Carry out testing and draft European Assessment Document (EAD).
 4. Comment period.
 5. Publish EAD.
 6. Assess against EAD and issue ETA.
- Specific timescale laid down for each step in CPR



Responsibility of Manufacturer

- Make a Declaration of Performance (DoP) therefore assuming responsibility for conformance of the product
- Affix CE mark therefore certifying they have strictly followed all applicable procedures in drawing up the DoP and it is accurate and reliable.



Responsibility of Importer/Distributor

- Satisfy themselves that the manufacturer has complied with CPR.
- Ensure their name and contact details appear on the product.
- Ensure instructions and safety information is provided in appropriate language.
- Ensure product is stored or moved under correct conditions.
- Monitor product on market.
- Take corrective measures where necessary.
- If importer places product on the market then they may be treated as the manufacturer.



Responsibility of Specifier/Designer

- ENs provide harmonised testing methods, therefore requirements of individual characteristics must be specified.
- Review manufacturers' DoP
- Check minimum requirements as may be set out in National Annexes or SRs



Role of NSAI

- Support Product Contact Point (DECLG)
- NSAI Standards
 - Questions specific to hEN standards
 - Purchase standards (www.standards.ie)
- NSAI Certification
 - Questions specific to certification to standards
 - TAB
 - Notified Body



Notified Body

- Notified for System 2+ (Factory Production Control):
 - Precast concrete products
 - Structural timber products
 - Wood based panels
 - Cement, building limes
 - Masonry & related products
 - Aggregates
 - Products related to concrete, mortar & grout



Future Work

- Have applied to extend current scope to cover System 1+, 1 & 2 for product areas including:
 - Thermal insulation products
 - Gypsum products
 - Metal pipes and fittings
 - Structural metallic products
 - Other product groups covered for FPC under current scope
- Currently working on applications for ETA



- Thank you for your time and attention.
- Questions and Answers

