

# The new EU Construction Products Regulation

## Changes in CE marking



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# Background - Revision of CPR



Brussels, 30.3.2022  
COM(2022) 144 final

2022/0094 (COD)

Proposal for a

**REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL**

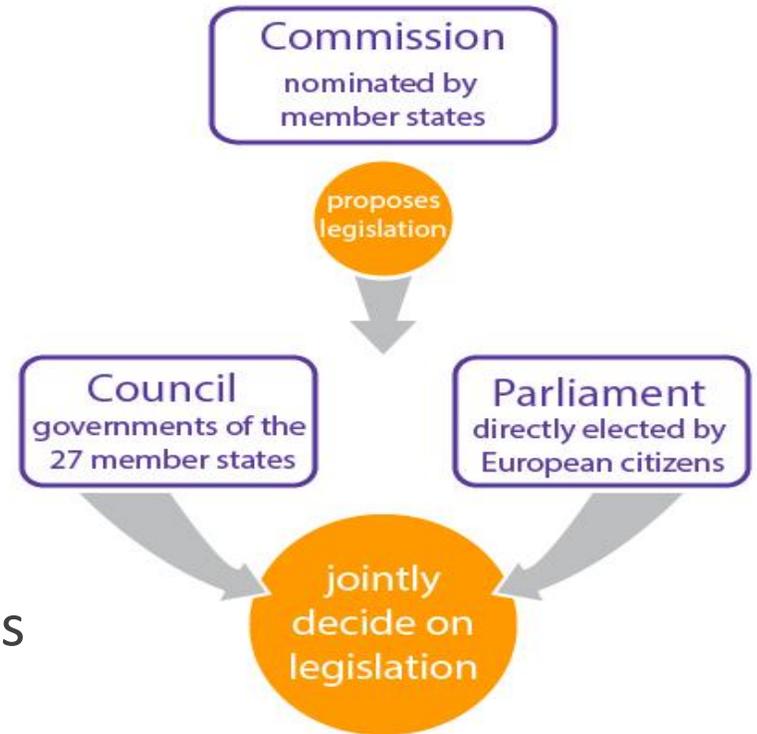
**laying down harmonised conditions for the marketing of construction products,  
amending Regulation (EU) 2019/1020 and repealing Regulation (EU) 305/2011**

Stephan

# CPR Revision / Summary

- ➔ Main change: addition of environmental requirements
- ➔ EU Commission will have more power to update
- ➔ The technical content has to be defined by **SR Standardization Requests** to create new **harmonized EN standards**
- ➔ The obligations of the manufacturers are very extensive:
  - ➔ Maintenance
  - ➔ User manuals
- ➔ The CPR will become much more complicated than it was

**Status of the ongoing process:**  
**Trilogue process** completed Date  
 1<sup>st</sup> February 2024 ✓



Stephan



Council of the European Union

**Interinstitutional File:  
2022/0094(COD)**

Brussels, 1 February 2024  
(OR. en)

5762/1/24  
REV 1

LIMITE

MI 74  
ENV 82  
ENT 18  
CODEC 154

**The final compromise contents:**

**116 Preliminary Remarks**  
**96 Articles**  
**311 Pages**

**NOTE**

From:	Presidency/General Secretariat of the Council
To:	Permanent Representatives Committee
No. prev. doc.:	5620/24
No. Cion doc.:	7799/22 + ADD1-5
Subject:	Proposal for a Regulation of the European Parliament and of the Council laying down harmonised conditions for the marketing of construction products, amending Regulation (EU) 2019/1020 and repealing Regulation (EU) 305/2011 - Analysis of the final compromise text with a view to agreement

Stephan

# 2024 April 10<sup>th</sup>: the EU-Parliament voted with Yes



Rapporteur Christian Doleschal  
IMCO-Committee

**Now: Corrigendum – Process  
New Vote possibly in autumn  
2024**



## CPR Acquis Process

- Sub-Group 4: TC 33  
Doors and Windows, Hardware...  
Meeting 25<sup>th</sup> September
- Sub-Sub Group:  
Hardware



# CPR Technical Acquis

Stephan



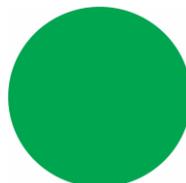
**Manfred Fuchs, Senior Policy Assistant at the European Commission Directorate General for Internal Market, Industry, Entrepreneurship and SMEs (DG GROW) Unit H.1**

Stephan

We have explained our current situation to M Fuchs and V Hadrava:



Harmonized Standards



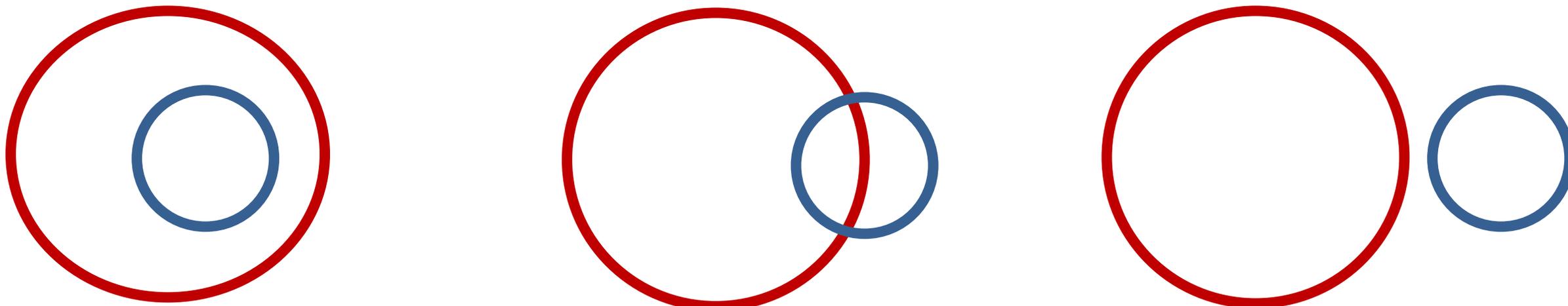
Non harmonized Standards



Hybrid Standards

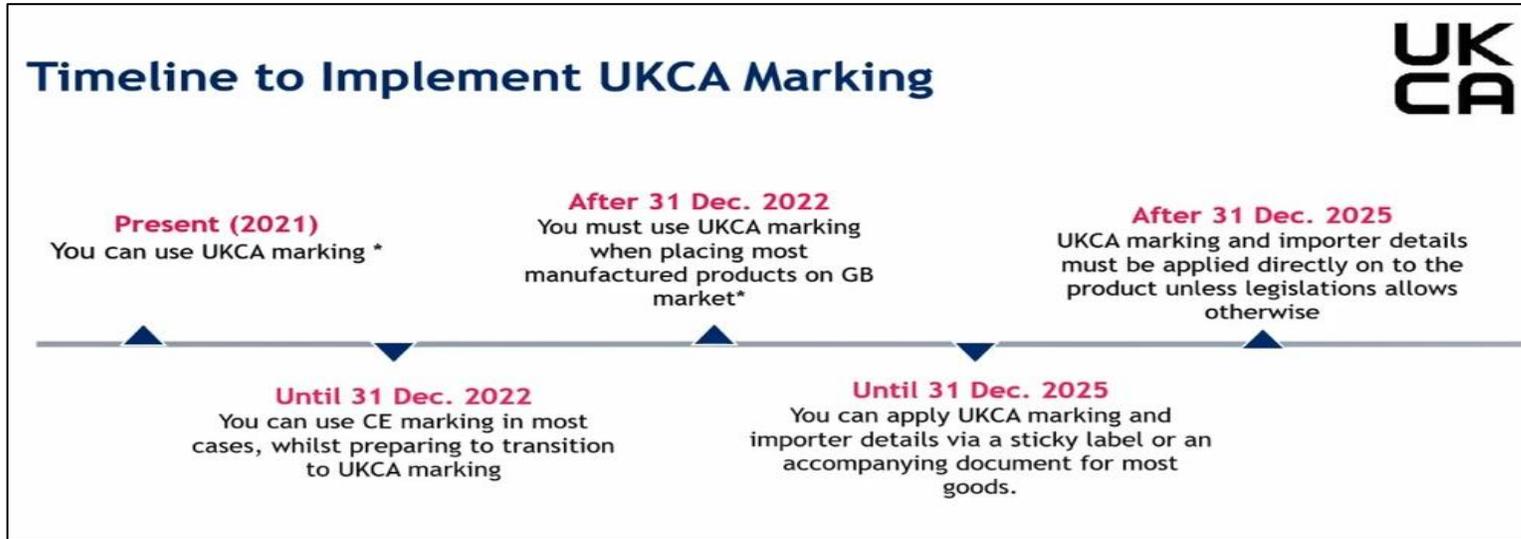


## The concept - component standard / door/window set standard



- a) component standard does not introduce any additional parameters to the set standard
- b) component standard satisfies certain needs of the set standard but introduces additional parameters
- c) no overlap, conformity is assumed, or it is not needed

Stephan



30 June 2025  
2 September 2024

was the mandatory date for the use of **UKCA**  
secretary for savety at building ministry Rushanara Ali told:

**it's no longer an issue !**

# Status of CPR

## CPR

- Translations ongoing.
- Publication in Official Journal - Pending.
- May be a christmas gift...?



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# CPR Acquis – Doors, windows and building hardware

Håkan

## CPR Acquis – In progress

- Specifying the content – Essential Characteristics - in the future harmonized standards
- Precast concrete and structural metallic – Standardization Requests.
- **Doors/Window and Building hardware:**
  - **Waiting for the Standardization Request - Danish Technologic Institute**
  - **Increased number if essential characteristics for doors/windows.**
  - **Fire and Emergency as today for Building hardware – Submitted November 2023**
    - EN 12209 – Lockcases/EN 14846 – Electromech. Lockcases/EN 1935 – Hinges/EN 179 – Emergency devices/EN 1125 – Panic devices/EN 1154 – Door closers
  - **Burglar resistance: Possible later as "Delegated act"**
    - **ARGE and CEN TC 33/WG 4 – Position remains - NOT in favour**
    - **Meeting Face-to-Face in 14<sup>th</sup> May**

- **The basic idea: To maintain the CE marking as we know today**
- WG 4/WG 1 document, CEN/TC 33/WG 4 N 1382
- **BCWR 2 - Safety in case of fire**
- Essential characteristics directly linked to building hardware.
  - **Self-closing** - Ability to close and keep the fire/smoke door in a closed position.
  - **Emergency release** (Ability to release to open) - Ability to open the escape route door in case of fire.
  - **Release of hold-open device** (Ability to release to close) - Ability to release the door for closing in case of fire.
  - **Durability of self-closing and release of hold-open device** (Ability to release) - Ability to close and keep the fire/smoke door in a closed position and to open the escape route door in case of fire after a declared number of cycles
  - Proxy characteristics: Self closing / Ability to release / Durability of self closing and ability to release

Reminder

# Status of CPR Aquis – Building hardware

Håkan

Meeting July 2024

- Commission proposed changes of format
  - product sub-family
  - characteristic/requirement name
  - clause of the current hEN
  - type of assessment
  - assessment method
  - threshold level
  - classes
  - requirement
- Threshold levels or classes to the proxy characteristics needs to be clarified.
- Relationship between Building Hardware essential characteristics and the ones for doors/windows is essential
- Door/Window manufacturers will probably need to declare performance on the complete product.
- *ARGE WG Standardization and CEN TC 33/WG 4 needs to re-work.*

product sub-family	characteristic/requirement name	clause of the current hEN	type of assessment	assessment method	threshold level	class	requirement	note
panic rail detectors [EH 1425]	Release function	4.1.2	PR-1.1.1	7			Isolated [see EH 1425/4.1.2]	should the hEN make the verification procedure more detailed
	Installation	4.1.3	-	-				approval necessary
	Corrosion resistance	4.1.4	PR-1.1.1	EH 1425			at least grade 5	
	Sharp edges	4.1.5	PR-2.1	EH 1425/4.1.5			min. 0,5 mm	should the hEN make the verification procedure more detailed
	Temperature range	4.1.6	PR-1.1.1	EH 1425/4.1.6			at least 50 X	
	Design of double doors	4.1.7	PR-2.1	EH 1425/4.1.7			Isolated [see EH 1425/4.1.7]	approval?
	Sealability for fire resistant doors	4.1.8	-	-			-	should only be a matter of a detailed assessment
	Door installation	4.1.9	-	-			-	should only be a matter of a detailed assessment
	Door length	4.1.10	PR-2.1	EH 1425/4.1.10			min. 60 X	
	Door projection	4.1.11	PR-2.1	EH 1425/4.1.11			118-188 mm 148-158 mm	
	Door radii	4.1.12	PR-2.1	EH 1425/4.1.12				
	Operating handle	4.1.13	PR-2.1	EH 1425/4.1.13				
	Track	4.1.14	PR-2.1	EH 1425/4.1.14				
	Door face gap	4.1.15	PR-2.1	EH 1425/4.1.15			min. 20 mm in the door holder	
	Removable gap	4.1.16	PR-1.1.1	EH 1425/4.1.16			no gap	should the hEN make the verification procedure more detailed
	Door face movement	4.1.17	PR-2.1	EH 1425/4.1.17			Isolated [see EH 1425/4.1.17]	should the hEN make the verification procedure more detailed
	Upper vertical ball head	4.1.18	PR-1.1.1	EH 1425/4.1.18			Isolated [see EH 1425/4.1.18]	approval?
	Cover for vertical rods	4.1.19	PR-1.1.1	EH 1425/4.1.19			500 H	
Keypin	4.1.20, 4.1.21	PR-1.1.1	EH 1425/4.1.20, 21			Isolated [see EH 1425/4.1.20, 21]	approval?	
Possibility of installation	4.1.22	PR-1.1.1	EH 1425/4.1.22			Isolated [see EH 1425/4.1.22]	should the hEN make the verification procedure more detailed	
Door mass	4.1.23	essential characteristic	EH 1425/4.1.23			classes 5, 6, 7 [EH 1425/7.3]		
Door dimensions	4.1.23	essential characteristic	EH 1425/4.1.23			any level		
Outside access device	4.1.24	PR-1.1.1	EH 1425/4.1.24			Isolated [see EH 1425/4.1.24]		
Release function without pressure	4.2.2.1	essential characteristic	EH 1425/6.3.2.1			min. 80 H		
Release function under pressure	4.2.2.2	essential characteristic	EH 1425/6.3.2.2			min. 220 H		
Closing force	4.2.3	essential characteristic	EH 1425/6.3.3			min. 50 H		
Door height	4.2.4	essential characteristic	EH 1425/6.3.4			classes 5, 7 [EH 1425/4.2.4]	The design of the door is relevant. The classification should	
Release resistance - Horizontal bar	4.2.5	essential characteristic	EH 1425/6.3.5			min. 1000 H		
Release resistance - Vertical rod	4.2.6	essential characteristic	EH 1425/6.3.6			min. 500 H		

WORK IN PROGRESS...

# Subgroup 04

Håkan

- Meeting 25<sup>th</sup> september
- Member states

**MEETING ON THE CPR ACQUIS PROCESS**

**SUBGROUP DOORS & WINDOWS**

**(Regulation (EU) 305/2011)**

Meeting of 25 September 2024 via Teams: 9.30-13.30

1. Opening of the meeting
2. Updating on the CPR Acquis process
3. Request for Standardisation (RS)
  - Draft document – discussion/clarifications
  - List of open points
4. Any Other Business
5. Next steps
6. Closing of the meeting

**DWS006-02**

**DWS006-03**



## ARGE Strategy (1/2)

- ➔ Treat Hardware in parallel with doors/windows, to remain independent from door/window industry.
- ➔ Propose solutions which can be argued in a logical and consistent way
- ➔ Avoid getting all our hardware CE marked
- ➔ Focus on BCWR 2 “safety in case of fire”, for fire and/or smoke control doors/windows and for doors on escape routes

## ARGE Strategy (2/2)

- ➔ Maintain pass/fail criteria, to ensure safety in case of fire
- ➔ Remove characteristics not depending only on Hardware
- ➔ Not include burglary resistance in the requirements
- ➔ Take in account also other channels than OEMs

Pierre

## Next steps

### Estimated date of completion

- ➔ Complete the list the performances and requirements with the European Commission for future CE marking December 2024
- ➔ Get the standardization request published for Building Hardware Q2 2025
- ➔ Start revising the EN harmonized standards accordingly Q3 2025
- ➔ Get the new EN standards published Q4 2026

## Take away from this presentation ...

- ➔ **CPR: Trilogue** was finalized end of 2023, Final compromise version 1<sup>st</sup> Feb. 2024, EU-Parliament Dec. End 2024, becomes into force 2026 (?)
- ➔ **CPR-ACQUIS:** is running in parallel, important decisions have to be made, sub-sub-group 4 is working
- ➔ **ARGE Strategy:** remain independent from doors/windows focus on logical and consistent solutions



# Let's take up the CE marking challenge!



# Thank you!

Questions are welcome!