



CONSTRUCTION PRODUCTS EUROPE
LET'S BUILD AN EFFICIENT EUROPE

CPR review: presenting an alternative option to change the role of harmonized standards

Oscar Nieto

DIGITAL INTERNAL MARKET

Common technical language

Declaration of performance
Same information for all markets
Single assessments and tests
for the European market

Subsidiarity principle

Member States regulate construction
European Union regulates the single
market of products
Standardisation requests to
fit both needs

Performance based approach

Available in harmonised standards and
European Assessment Documents AD
Developed according to the state of
the art and based on scientific
and transparent agreements



- technical performance
- waste & SVHC
- environmental information
EPD
- circular economy
resource efficiency
- consumer information...



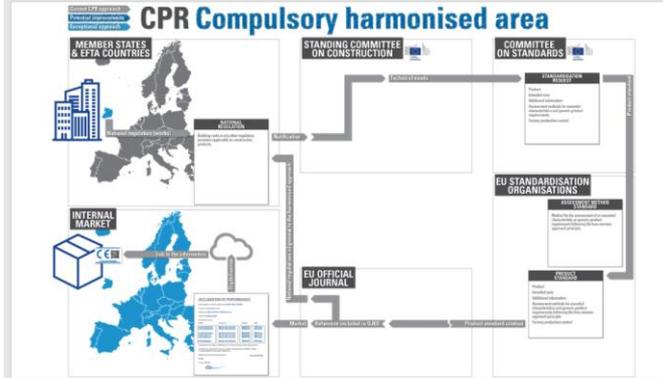
Full information available

CE marking as product information digital gate
Digital Declaration of Performance
ready to satisfy recipients' demands
Efficient tool to remove and prevent barriers to trade
Key to maintain a free and competitive market



Compulsory harmonised area

Compulsory CE marking and Declaration of Performance

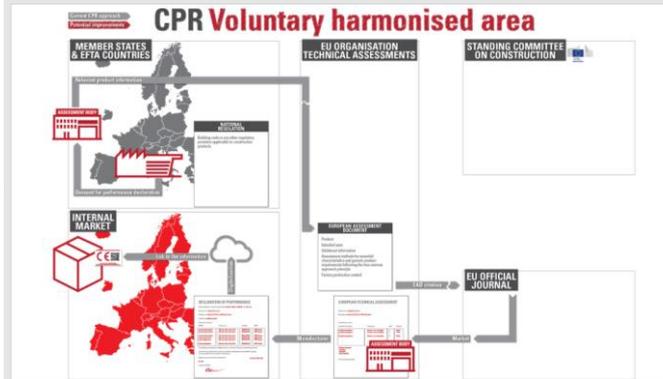


Rules and products in this area described in the relevant harmonised product provision (hPP)

Voluntary harmonised area

Voluntary CE marking and Declaration of Performance

European Technical Assessment required



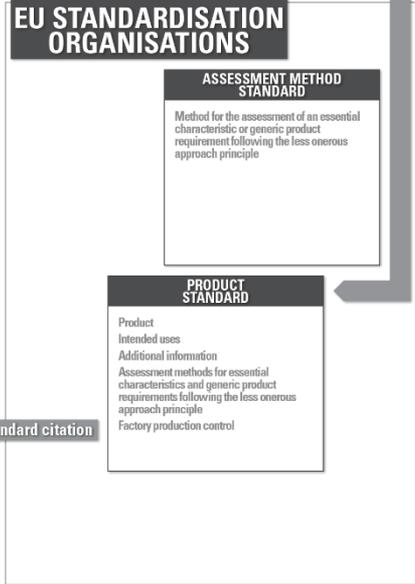
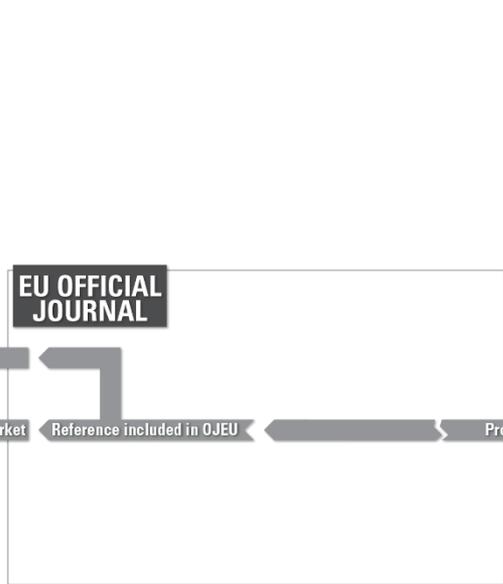
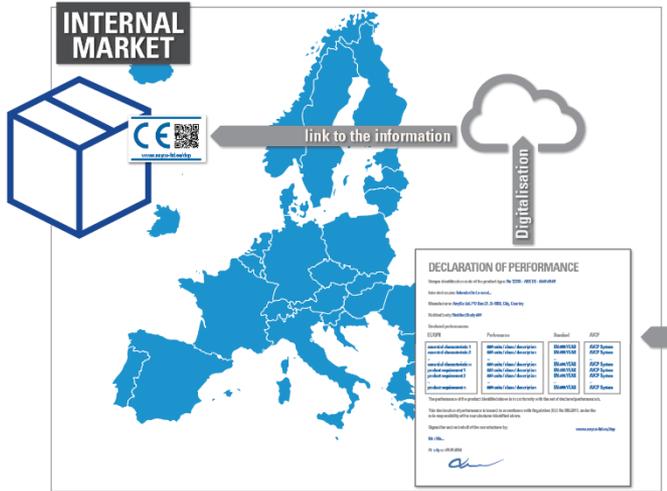
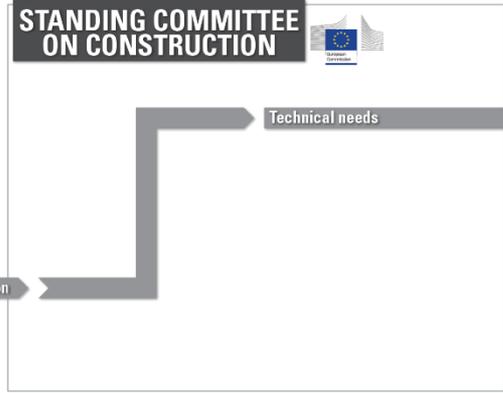
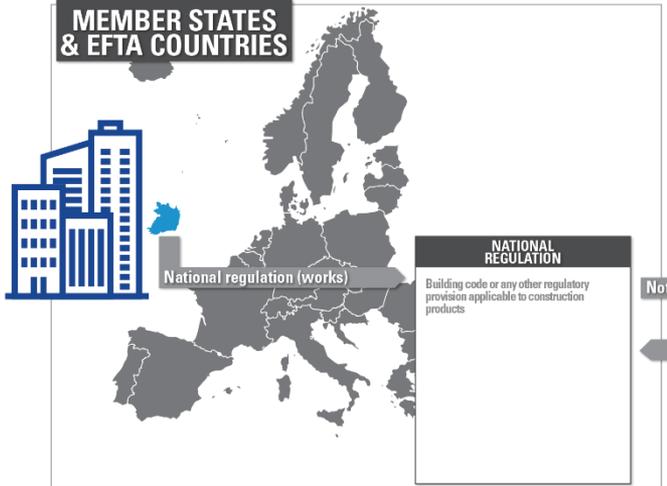
Rules and products in this area described in the relevant harmonised product provision (hPP)

Non harmonised area

CE marking and Declaration of Performance not allowed

Current CPR approach
 Potential improvements
 Exceptional approach

CPR Compulsory harmonised area



National regulations alignment to the harmonised approach

Product standard

Current CPR approach
 Potential improvements
 Exceptional approach

CPR Compulsory harmonised area

MEMBER STATES & EFTA COUNTRIES

Relevant product information

National regulation (works)

REGULATORY INFORMATION NEEDS

List of essential characteristics and generic product requirements

Essential characteristic	Information	Assessment method
Essential characteristic 1	EN 12345:2010	EN 12345:2010
Essential characteristic 2	EN 12345:2010	EN 12345:2010
Essential characteristic 3	EN 12345:2010	EN 12345:2010
Essential characteristic 4	EN 12345:2010	EN 12345:2010
Essential characteristic 5	EN 12345:2010	EN 12345:2010

NATIONAL REGULATION

Building code or any other regulatory provisions applicable to construction products

STANDING COMMITTEE ON CONSTRUCTION

Technical needs

Notification

COMMITTEE ON STANDARDS

STANDARDISATION REQUEST

Product
 Intended uses
 Additional information
 Assessment methods for essential characteristics and generic product requirements,
 Factory production control

Product standard

INTERNAL MARKET

link to the information

Digitalisation

DECLARATION OF PERFORMANCE

EN 12345:2010

Essential characteristic	Performance	Standard	CEP
Essential characteristic 1	EN 12345:2010	EN 12345:2010	CEP System
Essential characteristic 2	EN 12345:2010	EN 12345:2010	CEP System
Essential characteristic 3	EN 12345:2010	EN 12345:2010	CEP System
Essential characteristic 4	EN 12345:2010	EN 12345:2010	CEP System
Essential characteristic 5	EN 12345:2010	EN 12345:2010	CEP System

EU OFFICIAL JOURNAL

Market

Reference included in OJEU

EU STANDARDISATION ORGANISATIONS

ASSESSMENT METHOD STANDARD

Method for the assessment of an essential characteristic or generic product requirement following the less onerous approach principle

PRODUCT STANDARD

Product
 Intended uses
 Additional information
 Assessment methods for essential characteristics and generic product requirements following the less onerous approach principle
 Factory production control

Product standard citation

National regulations alignment to the harmonised approach

Current CPR approach
 Potential improvements
 Exceptional approach

CPR Compulsory harmonised area

MEMBER STATES & EFTA COUNTRIES



Relevant product information

National regulation (works)

REGULATORY INFORMATION NEEDS

List of essential characteristics and generic product requirements

EN	Reference	Assessment
Essential characteristic 1	EN 1996-1-1 (Eurocode 6)	EN 1996-1-1
Essential characteristic 2	EN 1996-1-2 (Eurocode 6)	EN 1996-1-2
Essential characteristic 3	EN 1996-1-3 (Eurocode 6)	EN 1996-1-3
Essential characteristic 4	EN 1996-1-4 (Eurocode 6)	EN 1996-1-4
Essential characteristic 5	EN 1996-1-5 (Eurocode 6)	EN 1996-1-5

EU needs

NATIONAL REGULATION

Building code or any other regulatory provision applicable to construction products

STANDING COMMITTEE ON CONSTRUCTION



CONSOLIDATED LIST OF TECHNICAL INFORMATION

Product
 Intended uses
 Additional information
 Consolidated list of essential characteristics and generic product requirements

EN	Reference	Standard	APP
Essential characteristic 1	EN 1996-1-1 (Eurocode 6)	EN 1996-1-1	APP System
Essential characteristic 2	EN 1996-1-2 (Eurocode 6)	EN 1996-1-2	APP System
Essential characteristic 3	EN 1996-1-3 (Eurocode 6)	EN 1996-1-3	APP System
Essential characteristic 4	EN 1996-1-4 (Eurocode 6)	EN 1996-1-4	APP System
Essential characteristic 5	EN 1996-1-5 (Eurocode 6)	EN 1996-1-5	APP System

Technical needs

COMMITTEE ON STANDARDS



STANDARDISATION REQUEST

Product
 Intended uses
 Additional information
 Assessment methods for essential characteristics and generic product requirements,
 Factory production control

Product standard

EU STANDARDISATION ORGANISATIONS

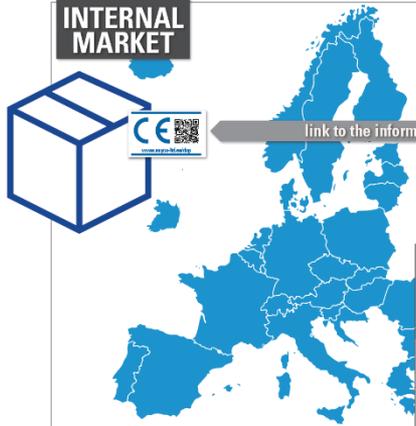
ASSESSMENT METHOD STANDARD

Method for the assessment of an essential characteristic or generic product requirement following the less onerous approach principle

PRODUCT STANDARD

Product
 Intended uses
 Additional information
 Assessment methods for essential characteristics and generic product requirements following the less onerous approach principle
 Factory production control

INTERNAL MARKET



link to the information

Digitalisation

DECLARATION OF PERFORMANCE

EN 1996-1-1 (Eurocode 6)

EN	Reference	Standard	APP
Essential characteristic 1	EN 1996-1-1 (Eurocode 6)	EN 1996-1-1	APP System
Essential characteristic 2	EN 1996-1-2 (Eurocode 6)	EN 1996-1-2	APP System
Essential characteristic 3	EN 1996-1-3 (Eurocode 6)	EN 1996-1-3	APP System
Essential characteristic 4	EN 1996-1-4 (Eurocode 6)	EN 1996-1-4	APP System
Essential characteristic 5	EN 1996-1-5 (Eurocode 6)	EN 1996-1-5	APP System

EU OFFICIAL JOURNAL

National regulations alignment to the harmonised approach

Market

Reference included in OJEU

Product standard citation

Current CPR approach
 Potential improvements
 Exceptional approach

CPR Compulsory harmonised area

MEMBER STATES & EFTA COUNTRIES



REGULATORY INFORMATION NEEDS

List of essential characteristics and generic product requirements

ESSEN	Produktname	Standard	ADP
www.cpr.com/charakteristika-1	www.cpr.com/Charakteristika-1	EN 12345	ADP System
www.cpr.com/charakteristika-2	www.cpr.com/Charakteristika-2	EN 6789	ADP System
www.cpr.com/charakteristika-3	www.cpr.com/Charakteristika-3	EN 10111	ADP System
www.cpr.com/charakteristika-4	www.cpr.com/Charakteristika-4	EN 12345	ADP System

NATIONAL REGULATION

Building code or any other regulatory provision applicable to construction products

ESSEN	Produktname	Standard	ADP
www.cpr.com/charakteristika-1	www.cpr.com/Charakteristika-1	EN 12345	ADP System
www.cpr.com/charakteristika-2	www.cpr.com/Charakteristika-2	EN 6789	ADP System
www.cpr.com/charakteristika-3	www.cpr.com/Charakteristika-3	EN 10111	ADP System
www.cpr.com/charakteristika-4	www.cpr.com/Charakteristika-4	EN 12345	ADP System

STANDING COMMITTEE ON CONSTRUCTION



CONSOLIDATED LIST OF TECHNICAL INFORMATION

Product
 Intended uses
 Additional information
 Consolidated list of essential characteristics and generic product requirements

ESSEN	Produktname	Standard	ADP
www.cpr.com/charakteristika-1	www.cpr.com/Charakteristika-1	EN 12345	ADP System
www.cpr.com/charakteristika-2	www.cpr.com/Charakteristika-2	EN 6789	ADP System
www.cpr.com/charakteristika-3	www.cpr.com/Charakteristika-3	EN 10111	ADP System
www.cpr.com/charakteristika-4	www.cpr.com/Charakteristika-4	EN 12345	ADP System

COMMITTEE ON STANDARDS



STANDARDISATION REQUEST

Product
 Intended uses
 Additional information
 Assessment methods for essential characteristics and generic product requirements,
 Factory production control

EU STANDARDISATION ORGANISATIONS

ASSESSMENT METHOD STANDARD

Method for the assessment of an essential characteristic or generic product requirement following the less onerous approach principle

PRODUCT STANDARD

Product
 Intended uses
 Additional information
 Assessment methods for essential characteristics and generic product requirements following the less onerous approach principle
 Factory production control

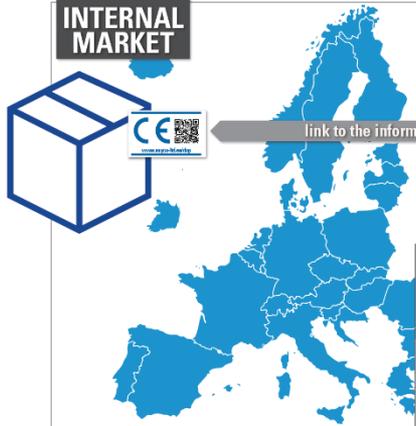
EU OFFICIAL JOURNAL

HARMONISED PRODUCT PROVISION

Scope and derogations
 Intended uses
 Simplified procedures
 Market surveillance acceptance criteria
 Date of applicability
 Transitional provisions
 Essential characteristics and generic product requirements

ESSEN	Produktname	Standard	ADP
www.cpr.com/charakteristika-1	www.cpr.com/Charakteristika-1	EN 12345	ADP System
www.cpr.com/charakteristika-2	www.cpr.com/Charakteristika-2	EN 6789	ADP System
www.cpr.com/charakteristika-3	www.cpr.com/Charakteristika-3	EN 10111	ADP System
www.cpr.com/charakteristika-4	www.cpr.com/Charakteristika-4	EN 12345	ADP System

INTERNAL MARKET



link to the information

Digitalisation including harmonised digital format

DECLARATION OF PERFORMANCE

Value established in accordance with Regulation (EU) 2018/1827

Manufacturer: Müller Bauwerkstoffe GmbH, Industriestraße 123, 45678, Germany

ESSEN	Produktname	Standard	ADP
www.cpr.com/charakteristika-1	www.cpr.com/Charakteristika-1	EN 12345	ADP System
www.cpr.com/charakteristika-2	www.cpr.com/Charakteristika-2	EN 6789	ADP System
www.cpr.com/charakteristika-3	www.cpr.com/Charakteristika-3	EN 10111	ADP System
www.cpr.com/charakteristika-4	www.cpr.com/Charakteristika-4	EN 12345	ADP System

Notification

Notification

National regulations alignment to the harmonised approach

Implementing act in accordance with Regulation 1827/2018

Market

Technical needs

Product standard citation

Product standard

Current CPR approach
Potential improvements
Exceptional approach

CPR Compulsory harmonised area

MEMBER STATES & EFTA COUNTRIES



Relevant product information

National regulation (works)

REGULATORY INFORMATION NEEDS			
List of essential characteristics and generic product requirements			
ESXi	Reference	Standard	ADP
Essential characteristic 1	EN 12600 (CEN)	EN 12600	ADP System
Essential characteristic 2	EN 12600 (CEN)	EN 12600	ADP System
Essential characteristic 3	EN 12600 (CEN)	EN 12600	ADP System
Essential characteristic 4	EN 12600 (CEN)	EN 12600	ADP System
Essential characteristic 5	EN 12600 (CEN)	EN 12600	ADP System

NATIONAL REGULATION			
Building code or any other regulatory provision applicable to construction products			
ESXi	Reference	Standard	ADP
Essential characteristic 1	EN 12600 (CEN)	EN 12600	ADP System
Essential characteristic 2	EN 12600 (CEN)	EN 12600	ADP System
Essential characteristic 3	EN 12600 (CEN)	EN 12600	ADP System
Essential characteristic 4	EN 12600 (CEN)	EN 12600	ADP System
Essential characteristic 5	EN 12600 (CEN)	EN 12600	ADP System

Notification

Notification

STANDING COMMITTEE ON CONSTRUCTION



CONSOLIDATED LIST OF TECHNICAL INFORMATION			
Product			
Intended uses			
Additional information			
Consolidated list of essential characteristics and generic product requirements			
ESXi	Reference	Standard	ADP
Essential characteristic 1	EN 12600 (CEN)	EN 12600	ADP System
Essential characteristic 2	EN 12600 (CEN)	EN 12600	ADP System
Essential characteristic 3	EN 12600 (CEN)	EN 12600	ADP System
Essential characteristic 4	EN 12600 (CEN)	EN 12600	ADP System
Essential characteristic 5	EN 12600 (CEN)	EN 12600	ADP System

Technical needs
development of an European approach

COMMITTEE ON STANDARDS



STANDARDISATION REQUEST	
Product	
Intended uses	
Additional information	
Assessment methods for essential characteristics and generic product requirements, Factory production control	

EU STANDARDISATION ORGANISATIONS

ASSESSMENT METHOD STANDARD	
Method for the assessment of an essential characteristic or generic product requirement following the less onerous approach principle	

PRODUCT STANDARD	
Product	
Intended uses	
Additional information	
Assessment methods for essential characteristics and generic product requirements following the less onerous approach principle, Factory production control	

Assessment method standard

Product standard

INTERNAL MARKET



link to the information

Digitalisation
including harmonised digital format

DECLARATION OF PERFORMANCE			
Name of the manufacturer			
Address of the manufacturer			
Product name			
ESXi	Reference	Standard	ADP
Essential characteristic 1	EN 12600 (CEN)	EN 12600	ADP System
Essential characteristic 2	EN 12600 (CEN)	EN 12600	ADP System
Essential characteristic 3	EN 12600 (CEN)	EN 12600	ADP System
Essential characteristic 4	EN 12600 (CEN)	EN 12600	ADP System
Essential characteristic 5	EN 12600 (CEN)	EN 12600	ADP System

EU OFFICIAL JOURNAL

HARMONISED PRODUCT PROVISION			
Scope and derogations			
Intended uses			
Simplified procedures			
Market surveillance acceptance criteria			
Date of applicability			
Transitional provisions			
Essential characteristics and generic product requirements			
ESXi	Reference	Standard	ADP
Essential characteristic 1	EN 12600 (CEN)	EN 12600	ADP System
Essential characteristic 2	EN 12600 (CEN)	EN 12600	ADP System
Essential characteristic 3	EN 12600 (CEN)	EN 12600	ADP System
Essential characteristic 4	EN 12600 (CEN)	EN 12600	ADP System
Essential characteristic 5	EN 12600 (CEN)	EN 12600	ADP System

Implementing act in accordance with Regulation 182/2011

National regulations alignment to the harmonised approach

Market

to be removed after a transition period
Product standard citation

Current CPR approach
Potential improvements
Exceptional approach

CPR Compulsory harmonised area

MEMBER STATES & EFTA COUNTRIES



Relevant product information

National regulation (works)

REGULATORY INFORMATION NEEDS			
List of essential characteristics and generic product requirements			
EN	Reference	Standard	ADP
Essential characteristic 1	EN 12601	EN 12601	ADP System
Essential characteristic 2	EN 12602	EN 12602	ADP System
Essential characteristic 3	EN 12603	EN 12603	ADP System
Essential characteristic 4	EN 12604	EN 12604	ADP System
Essential characteristic 5	EN 12605	EN 12605	ADP System

EU needs

NATIONAL REGULATION

Building code or any other regulatory provision applicable to construction products

STANDING COMMITTEE ON CONSTRUCTION



CONSOLIDATED LIST OF TECHNICAL INFORMATION

Product
Intended uses
Additional information
Consolidated list of essential characteristics and generic product requirements

EN	Reference	Standard	ADP
Essential characteristic 1	EN 12601	EN 12601	ADP System
Essential characteristic 2	EN 12602	EN 12602	ADP System
Essential characteristic 3	EN 12603	EN 12603	ADP System
Essential characteristic 4	EN 12604	EN 12604	ADP System
Essential characteristic 5	EN 12605	EN 12605	ADP System

Technical needs
development of an European approach

Unsolved technical needs

exceptional approach applicable only if standardisation does not deliver

TECHNICAL/REGULATORY BODY

ALTERNATIVE TECHNICAL DOCUMENT	
Assessment method	

COMMITTEE ON STANDARDS



STANDARDISATION REQUEST

Product
Intended uses
Additional information
Assessment methods for essential characteristics and generic product requirements,
Factory production control

EU STANDARDISATION ORGANISATIONS

ASSESSMENT METHOD STANDARD

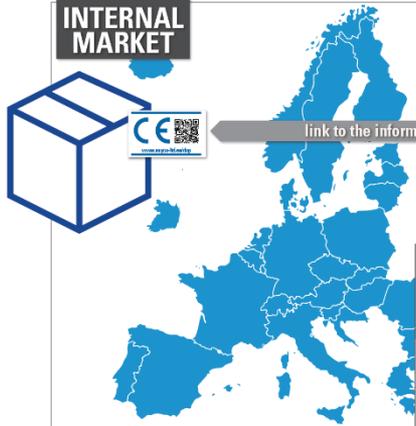
Method for the assessment of an essential characteristic or generic product requirement following the less onerous approach principle

PRODUCT STANDARD

Product
Intended uses
Additional information
Assessment methods for essential characteristics and generic product requirements following the less onerous approach principle
Factory production control

Product standard
Assessment method standard

INTERNAL MARKET



link to the information

including harmonised digital format

DECLARATION OF PERFORMANCE

DECLARATION OF PERFORMANCE			
Name of the manufacturer			
Reference to the applicable EN and ADP			
Declaration of performance			
EN	Reference	Standard	ADP
Essential characteristic 1	EN 12601	EN 12601	ADP System
Essential characteristic 2	EN 12602	EN 12602	ADP System
Essential characteristic 3	EN 12603	EN 12603	ADP System
Essential characteristic 4	EN 12604	EN 12604	ADP System
Essential characteristic 5	EN 12605	EN 12605	ADP System

EU OFFICIAL JOURNAL

HARMONISED PRODUCT PROVISION

Scope and derogations
Intended uses
Simplified procedures
Market surveillance acceptance criteria
Date of applicability
Transitional provisions
Essential characteristics and generic product requirements

EN	Reference	Standard	ADP
Essential characteristic 1	EN 12601	EN 12601	ADP System
Essential characteristic 2	EN 12602	EN 12602	ADP System
Essential characteristic 3	EN 12603	EN 12603	ADP System
Essential characteristic 4	EN 12604	EN 12604	ADP System
Essential characteristic 5	EN 12605	EN 12605	ADP System

Implementing act in accordance with Regulation 182/2011

National regulations alignment to the harmonised approach

Notification

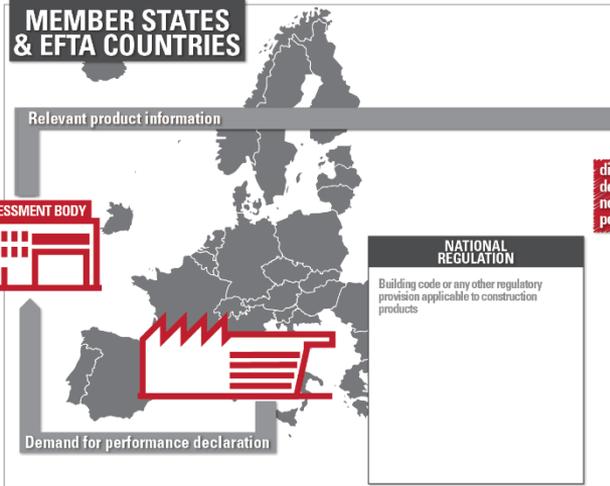
Notification

Market

to be removed after a transition period
Product standard citation

Current CPR approach
Potential improvements

CPR Voluntary harmonised area



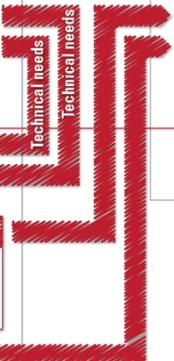
EU ORGANISATION TECHNICAL ASSESSMENTS

REQUEST ASSESSMENT REPORT

Product
Intended uses
Additional information
List of essential characteristics and generic product requirements
Justification

CSRD	Performance	Standard	ADP
Essential characteristic 1	EN 12345 (CEN Standard)	EN 12345	ADP System
Essential characteristic 2	EN 12345 (CEN Standard)	EN 12345	ADP System
Essential characteristic 3	EN 12345 (CEN Standard)	EN 12345	ADP System
Essential characteristic 4	EN 12345 (CEN Standard)	EN 12345	ADP System

EU ASSESSMENT DOCUMENT EXPERT GROUP



ALTERNATIVE TECHNICAL DOCUMENT

Assessment method

EUROPEAN ASSESSMENT DOCUMENT

Product
Intended uses
Additional information
Assessment methods for essential characteristics and generic product requirements following the less onerous approach principle
Factory production control

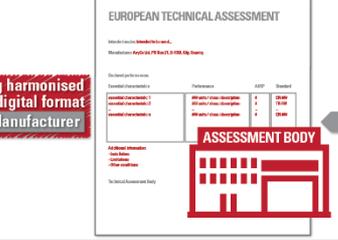
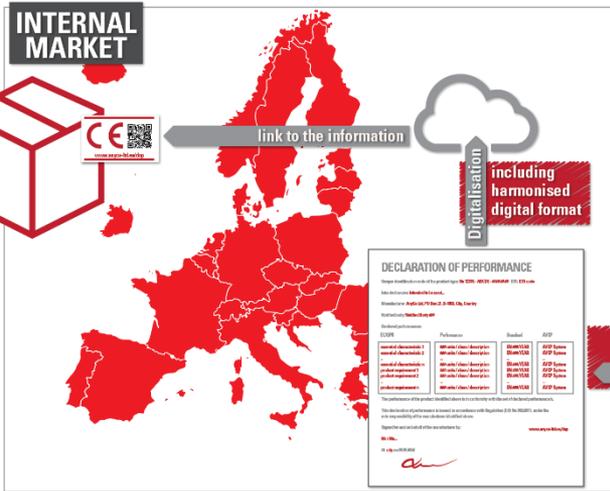
STANDING COMMITTEE ON CONSTRUCTION

CONSOLIDATED LIST OF TECHNICAL INFORMATION

Product
Intended uses
Additional information
Consolidated list of essential characteristics and generic product requirements

CSRD	Performance	Standard	ADP
Essential characteristic 1	EN 12345 (CEN Standard)	EN 12345	ADP System
Essential characteristic 2	EN 12345 (CEN Standard)	EN 12345	ADP System
Essential characteristic 3	EN 12345 (CEN Standard)	EN 12345	ADP System
Essential characteristic 4	EN 12345 (CEN Standard)	EN 12345	ADP System

Compulsory area
Voluntary area



EU OFFICIAL JOURNAL

HARMONISED PRODUCT PROVISION

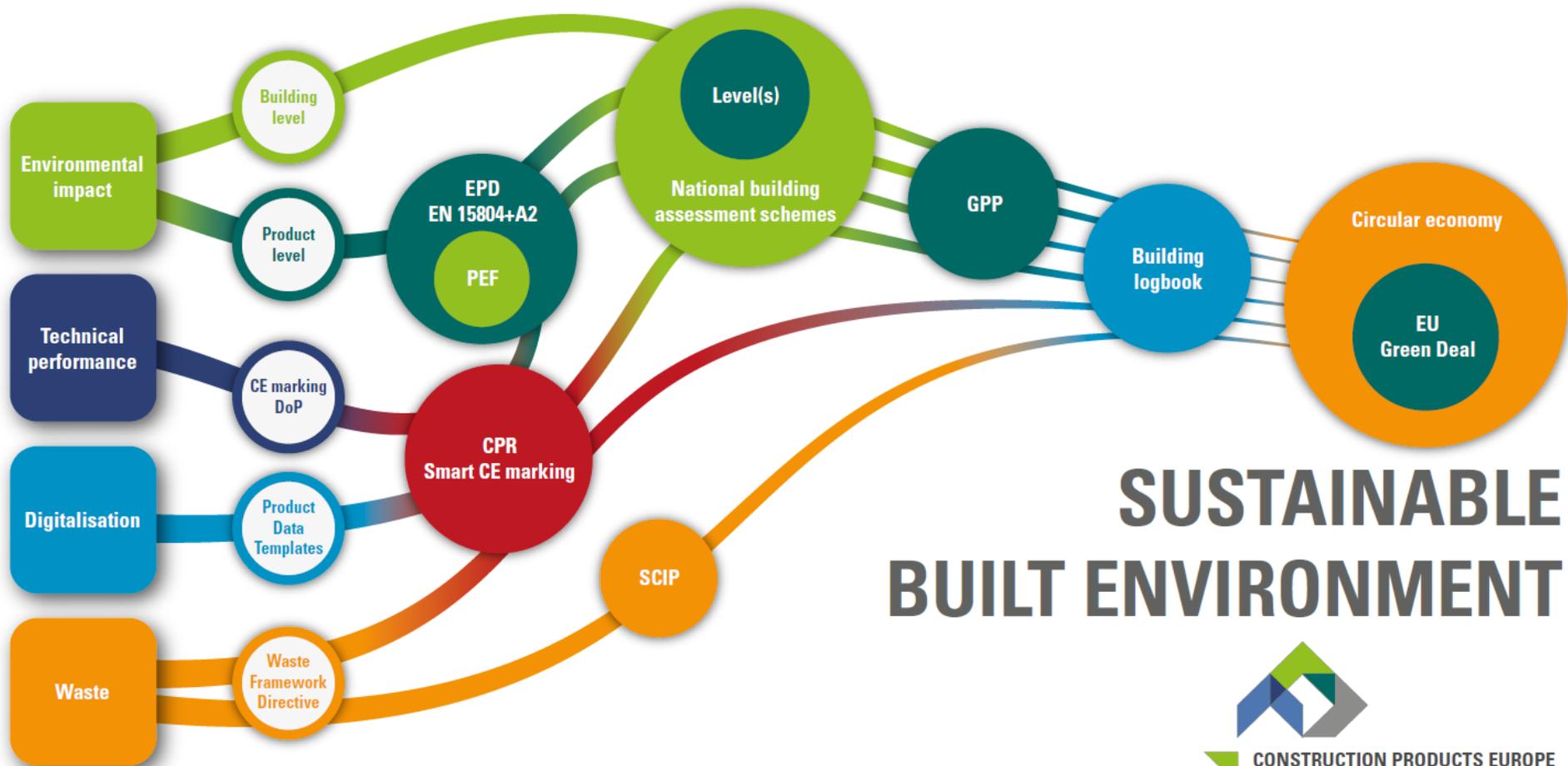
Scope and derogations
Intended uses
Simplified procedures
Market surveillance acceptance criteria
Date of applicability
Transitional provisions
Essential characteristics and generic product requirements

CSRD	Performance	Standard	ADP
Essential characteristic 1	EN 12345 (CEN Standard)	EN 12345	ADP System
Essential characteristic 2	EN 12345 (CEN Standard)	EN 12345	ADP System
Essential characteristic 3	EN 12345 (CEN Standard)	EN 12345	ADP System
Essential characteristic 4	EN 12345 (CEN Standard)	EN 12345	ADP System

Implementing act in accordance with Regulation 182/2011

to be removed after a transition period
EAD citation

including harmonised digital format
Manufacturer



SUSTAINABLE BUILT ENVIRONMENT



CONSTRUCTION PRODUCTS EUROPE
LET'S BUILD AN EFFICIENT EUROPE

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