

Le nouveau Règlement Européen des Produits de Construction

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Parlons marquage CE

Beaucoup de produits de la route sont **NORMALISES**
Dans des normes dites **HARMONISEES (annexe ZA)**

→ **Marquage CE des produits**
→ **Etiquette CE**

→ Permet la mise sur le marché du produit
(objectif de libre circulation des produits)

→ **Exigence réglementaire** : application d'une DIRECTIVE qui est devenue
Règlement Produits de Construction (RPC) (2024)




Parlons marquage CE

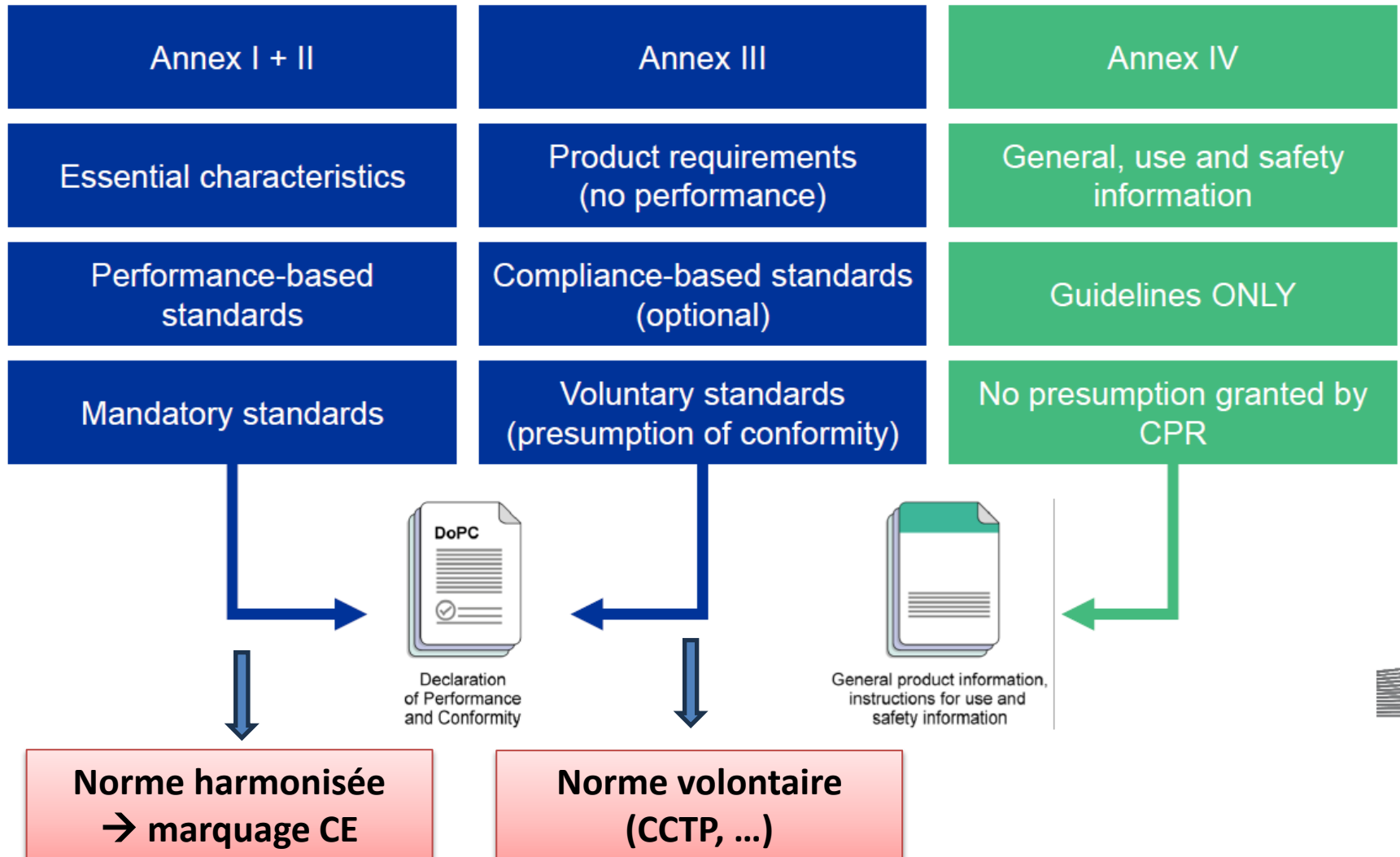
Etiquette CE

Norme produit

Exigences codifiées

 01234	
AnyCo Ltd, PO Box 21, B-1050	
05	
01234-CPD-00234	
EN 13108-1 Enrobés bitumineux pour routes et autres zones de circulation	
EB 16 roul 70/100 Usine euro asphalt S24 Exigences générales et empiriques	
Pourcentage de vides*	
– maximal	V_{\max} 7,0 (7,0 %)
– minimal	V_{\min} 2,0 (2,0 %)
Pourcentage minimal de vides remplis par le bitume*	VFB_{\min} 60 (60 %)
Pourcentage maximal de vides remplis par le bitume*	VFB_{\max} 83 (83 %)
Vides dans les granulats*	VMA_{\min} 14 (14 %)
Pourcentage de vides à 10 girations	$V10G_{\min}$ 9 (9 %)
Sensibilité à l'eau*	$ITSR_{90}$ (90 %)
Résistance à l'abrasion par pneumatiques à crampons* : (40 ml)	Abr_{A40}
Comportement au feu	Euroclasse Cfl**
Température du mélange	140 °C à 180 °C
Granulante (passant)	Tam 22,4 mm 100 %
	Tam 16 mm 95 %

Le RPC et sa mise en œuvre



Les différentes étapes : les jalons (milestones)

0

Pre-standardisation work

- Development of assessment methods not available or not harmonised

I

Work programme and scope

- List of products, materials, intended uses and forms and shapes (when relevant)

III

Preparation of the technical content

- BRCW and essential characteristics
- Product requirements

Standard drafting

- Drafting of harmonised standards by CEN/CENELEC

II

Creation of technical boards

- Specific task groups to deal with subfamilies

IV

Final consultation

- Standardisation request
- Delegated act for product requirements

Making standard mandatory

- Implementing act
- Delegated act (classes, threshold, mandatory declaration, etc.)



Familles de produits

Les produits de construction sont répartis en « familles de produits »

Pour chaque famille de produits, un groupe de travail de l'acquis, piloté par la Commission européenne, rassemble les experts définis par les Etats Membres.

Le groupe de travail de l'acquis est chargé d'identifier les produits qui doivent faire l'objet d'une norme européenne harmonisée, et pour chacun de ces produits : les caractéristiques essentielles, les classes de performance, les méthodes d'évaluation, ...

Pour chaque produit, la date d'application du nouveau texte du RPC dépendra de l'avancement du groupe de travail de l'acquis concerné, et de la publication de la norme européenne harmonisée

Sous-groupes de l'Acquis

Objectif

- Proposer le contenu de la structure générale des spécifications techniques harmonisées (y.c. méthodes d'évaluation, caractéristiques essentielles, classes de performance et/ou seuils, exigences et besoins réglementaires)

36 catégories de produit

Priority	CPR code	Product family	Mandate	Letter code
01	01	Precast normal/lightweight/autoclaved aerated concrete products	M100 Precast concrete products	PCP
02	20	Structural metallic products and ancillaries	M120 Structural metallic products	SMP
03	16	Reinforcing and prestressing steel for concrete (and ancillaries) - Post tensioning kits	M115 Reinforcing steel	RPS
04	02	Doors, windows, shutters, gates and related building hardware	M101 Doors, windows	DWS
05	15	Cement, building limes and other hydraulic binders	M114 Cement	CEM
06	04	Thermal insulation products [- Composite insulating kits/systems]	M103 Thermal insulating products	TIP
07	13	Structural timber products/elements and ancillaries	M112 Structural timber products and ancillaries	STP
08	26	Products related to concrete, mortar and grout	M128 Concrete, mortar & grout	CMG
09	17	Masonry and related products - Masonry units, mortars, and ancillaries	M116 Masonry	MAS
10	24	Aggregates	M125 Aggregates	AGG
11	10	Fixed fire fighting equipment (fire alarm/detection, fixed firefighting, fire and smoke control and explosion suppression product)	M109 Fixed fire fighting equipment	FFF
12	23	Road construction products	M124 Road construction products	RCP
13	19	Floorings	M119 Floorings	FLO
14	04	[Thermal insulation products] - Composite insulating kits/systems	M489 ETICS	
15	09	Curtain walling/cladding/structural sealant glazing	M108 Curtain walling	CWP
16	14	Wood based panels and elements	M113 Wood based panels	WBP
17	05	Structural bearings - Pins for structural joints	M104 Structural bearings	SBE
18	34	Building kits, units, and prefabricated elements	Kits and assembled products of the families above	KAS
19	21	Internal & external wall and ceiling finishes - Internal partition kits	M121 Wall and ceiling finishes	WCF
20	27	Space heating appliances	M129 Space heating appliances	SHA
21	22	Roof coverings, roof lights, roof windows, and ancillary products - Roof kits	M122 Roof coverings	ROC
22	12	Circulation fixtures: road equipment	M111 Circulation fixtures	CIF
23	18	Waste water engineering products	M118 Waste water disposal	WWD
24	25	Construction adhesives	M127 Adhesive	ADH
25	07	Gypsum products	M106 Gypsum	GYP

Les différentes étapes : les jalons (milestones)

Family code 23 – ROAD CONSTRUCTION PRODUCTS

- Input template for contributions National provisions –

Sheet titles for A, B, C, D, E and F

(A.1 National legal acts in force / A.2 Future national regulatory needs / B.1 Regional or local legal acts in force / B.2 Future regional or local regulatory needs / C. Standards applied at national level / D. National approvals schemes (Certificates, Declarations of conformity, compliance statements...) / E. Technical specifications – Working sheets / F. Provisions of public or private bodies)

Nature of the provision	Construction product	Intended use(s)	Technical data requested (Characteristics, threshold levels, classes or any other required data on the product)	Additional information / remarks
<p>- legally established acts (e.g., laws, decrees, orders, etc.) notified under the CPD and the CPR starting from the date of the entering into force of Directive 98/34 of the European Parliament and of the Council, or that were part of the Acquis when the accession to the European Union took place (Tables A and B);</p> <p>- working practices, not having the same legal status, issued by public bodies or private bodies acting as a public undertaking, or acting as a public body on the basis of a monopoly position or under a public mandate (Tables C to F).</p> <p>For each row of this first column of all sheets (from A to F),</p> <p>- the notification number (where relevant),</p> <p>- the title,</p> <p>- the number,</p> <p>- the name, and</p> <p>- the issuing body allowing the univocal identification of the provision are to be given.</p> <p>The provisions listed shall only be those having a technical significance on construction product characteristics and/or product requirements.</p>	<p>For each provision included in the first column the following should be provided:</p> <p>- name, and, if relevant</p> <p>- material</p> <p>- form, and</p> <p>- composition</p> <p>of the concerned construction product, as included in the listed provision, if necessary for the application of the provision</p>	<p>For each of the products listed in the second column, the intended use(s), as envisaged by the relevant listed provision, is to be given.</p>	<p>For each of the products listed in the second column the relevant technical data (e.g.,</p> <p>- product groups,</p> <p>- characteristics,</p> <p>- performance levels,</p> <p>- threshold levels,</p> <p>- classes,</p> <p>- other technical requirements,</p> <p>- etc.)</p> <p>as envisaged in the relevant listed provision, are to be given.</p>	<p>Additional information to the provision regarding e.g.:</p> <p>- relevant supporting documents, referred to in the provision</p> <p>- possible interactions with other provisions</p> <p>- other remarks</p>

L'exemple des granulats

Exemple des GRANULATS

			msv	
2. Government decree on the recovery of certain types of waste in earth construction (843/2017)	1. Recycled aggregates (crushed concrete, lightweight concrete and expanded clay aggregate waste (waste codes 10 13 14, 17 01 01, 17 01 07 and 19 12 12))	1. Earth construction objects such as roadways, fields, embankments and their bearing courses, and ground structures of industrial and storage buildings	1. The leaching and content of the harmful substances shall not exceed the limit values (see link, page 7-9)	1. https://finlex.fi/api/media/statute-foreign-language-translation/54886/mainPdf/main.pdf?timestamp=2017-12-07T00%3A00%3A00.000Z Annex 3 (page 11 defines the methods to carry out the determination testing)
			2. Composition and characteristics of the products needs to determined according to EN 933-11.	2. Determination according to the table 2 on page 12: https://finlex.fi/api/media/statute-foreign-language-translation/54886/mainPdf/main.pdf?timestamp=2017-12-07T00%3A00%3A00.000Z
	3.	3.	3.	3.
	4.	4.	4.	4.

FINLANDE

Identification of the contributor: Netherlands / NEN Standards

- State code: NL

- Contributor(s) name(s): Johan Heutinck, Kees van der Plas, Peter Broere (active experts)

PAYS-BAS

CUR-Aanbeveling 127: Beton met ten minste 50% gerecycled grof toeslagmateriaal (concept)	Concrete with ≥50% recycled coarse aggregate	Concrete for structural use with enhanced circularity goals	Minimum 50% replacement of coarse aggregate with recycled concrete; mechanical, durability and shrinkage criteria; consistent with NEN-EN 206-1	Encourages high-volume recycled content; complements CUR 112; aligns with environmental policy for resource reuse
CROW-CUR Recommendation 131:2024 – Ground LD steel slag as Type I filler	Filler from ground LD steel slag (byproduct from Linz-Donawitz steelmaking)	Non-structural, unreinforced concrete, grout and mortar	Chemical: CaO ≥30%, SiO ₂ +Al ₂ O ₃ +Fe ₂ O ₃ ≥40%, MgO ≤9%, Na ₂ O-eq ≤5%, SO ₃ ≤4%, MB adsorption ≤1.2%; Physical: 100% <2mm, ≥85% <125µm, ≥70% <63µm; Performance: Setting time ≤2× reference, autoclave expansion ≤0.4%, shape stability <10mm, 28d activity index ≥65%	New use for steel slag as binder filler to replace traditional materials; contributes to CO ₂ reduction and material circularity in concrete

Exemple des GRANULATS

France : document de 45 pages – 210 références (170 normes)

			suitability for use has been assessed as described in 4.1.1.	
NF EN 13748-2	Terrazzo tiles - Part 2: Terrazzo tiles for external use	Roads and paving	EN 12620 applies. Natural stone or other aggregates may be used provided their suitability for use has been assessed as described in 4.1.1	
NF P98-050-1	Underground works for dry networks —Cable draw-in-box and wiring compartment	Road equipment	The components used must comply with French or European standards.	
NF P98-150-2	Underground hosting works for dry networks —Access covers and frames	Road equipment	Paragraphs of EN 13369 apply	
NF P98-491	Safety aqueduct head	Road equipment	aggregates compliant with NF EN 12620+A1	
EN 1317-5+A2	Road restraint systems - Part 5: Product requirements and evaluation of conformity for vehicle restraint systems	Road equipment	Requirements of EN 13369 apply	
NF EN 124-4	Gully tops and manhole tops for vehicular and pedestrian areas - Part 4: Gully tops and manhole tops made of steel reinforced concrete	Elements for waste water systems	Requirements of EN 13369 apply	

2. Environmental acceptability of alternative materials in road construction - Deconstruction materials from the building and public works sector	Recycled granular materials	road construction	Adaptation of the test methods and of the list of chemical elements to characterise according to the kind of the alternative material	Environmental guide in declaration of the methodological.
3. Environmental acceptability of alternative materials for road construction - Pulverised coal-fired power plant ash	Artificial granular materials	road construction	Adaptation of the test methods and of the list of chemical elements to characterise according to the kind of the alternative material	

Unified Technical Document (DTU)

Ground and foundations

NF DTU 13.1		Shallow foundations		concrete compliant with NF EN 206/CN
NF DTU 13.2		Deep foundations		concrete compliant with NF EN 206/CN
NF DTU 13.3		Slabs on grade		concrete compliant with NF EN 206/CN and aggregates compliant with NF P18-545
NF DTU 14.1		Tanking works		concrete compliant with NF EN 206/CN

Les nouveautés avec le RPC

Prise en compte des **exigences environnementales** (NF EN 15804+A2)

Prise en compte des **substances dangereuses**



Les produits de construction de la route

Sous-groupe des produits de construction de la route

Objectif

- Proposer le contenu de la structure générale des spécifications techniques harmonisées (y.c. méthodes d'évaluation, caractéristiques essentielles, classes de performance et/ou seuils, exigences et besoins réglementaires)

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Les produits de construction de la route

Un peu de débat sur le périmètre de ce groupe
(Mandat 124):

Produits pour construire les chaussées

Bitumes, Mélanges bitumineux...

Chapes d'étanchéité sur les ponts

Produits de signalisation horizontale???

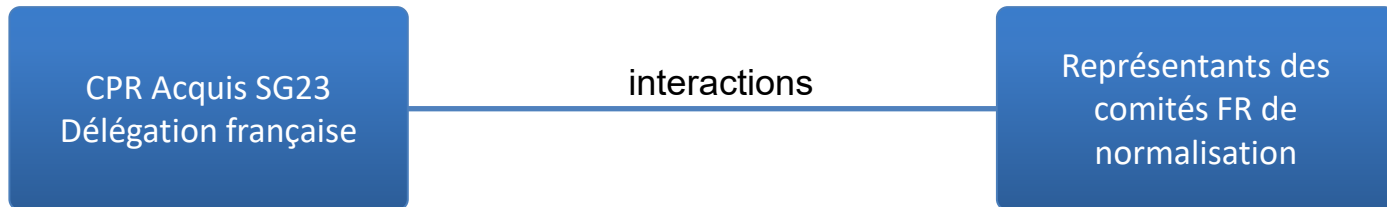
Joints de chaussée???

Programme de travail – Etape 1

- Nous sommes actuellement sur l'étape 1 (Milestone I)
- Il nous est demandé de produire pour le 6 mars 2026 un tableau d'état des lieux avec, pour chaque produit, les informations suivantes:
 - Le nom du produit
 - Le texte qui s'applique sur ce produit dans notre pays
 - Le domaine d'utilisation de ce produit
 - Les données techniques requises (caractéristiques, seuils, classes ou toute autre donnée requise sur le produit)

CPR Acquis SG23 (Produits de construction routiers)

- Réunion Kick-off le 13/01/2026
- Les comités techniques du CEN ont des représentants:
- Claude GIORGI pour le TC227/WG2, Olivier MOGLIA pour le TC336...
- Organisation de la délégation française:



OBSERV. MEMBRES

Représentants FR au CPR Acquis :

- DORESSAMY Satyavane (DHUP)
- ROSSIGNY Pascal (DGITM)
- SIMON Alexandre (DGITM)

Experts Observateurs :

- ARGHYRIS Adso (Cerema)
- DELAPORTE Brice (Eurobitume)
- GUINARD Paul (Soprema)
- HERRAN Yoann (UNELO)
- PILLARD Wilfried (Routes de France)

BNTRA

- CN E
- CN EC

BN ELIP

- P04

Groupe miroir français

Mise en place d'un groupe miroir franco-français avec toutes les parties prenantes pour coordonner et préparer les réponses

CPR Acquis Sous-groupe 23: Produits de construction routiers - périmètre

CEN TC227	CEN TC336	CEN TC254
Matériaux pour la construction routière	Bitumes et liants bitumineux	Feuilles souples d'étanchéité fabriquées en usine pour utilisation en ouvrages de bâtiment et de GC - W6: étanchéité des ouvrages d'art
<p>Actuellement 14 normes harmonisées</p> <ul style="list-style-type: none"> • EN 13108 Parties 1-7/9 (mélanges bitumineux) • EN 12271 (enduits superficiels) • EN 12273 (MBCF) • EN 13877 (goujons chaussée béton) • EN 14188 Parties 1-3 (joints) 	<p>Actuellement 5 normes harmonisées :</p> <ul style="list-style-type: none"> • EN 12591:2009 (bitumes routiers) • EN 13924:2006 (bitumes durs) • EN 14023:2010 (bitumes modifiés aux polymères) • EN 13808:2013 (émulsions) • EN 15322:2013 (bitumes fluidifiés ou fluxés) 	<p>Actuellement 1 norme harmonisée</p> <ul style="list-style-type: none"> • EN 14695 Feuilles souples pour l'étanchéité

Les points de vigilance

- **A l'étape 3, sera déterminé le contenu technique des normes harmonisées**
- **Une caractéristique = une méthode d'essai.**

Merci de votre attention