



NSAI

ANNUAL REPORT 2020

NSAI /TC 17 ROADS STANDARDS
CONSULTATIVE COMMITTEE (RSC)

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1 Chairman's Statement

The construction sector in Ireland experienced a very challenging year in 2020, with the devastating effects on the industry of the global pandemic COVID – 19, the implications of Brexit, concerns around the review of the Construction Products Regulation (Regulation EU 305/2011) and the ambiguities surrounding the launch by the European Commission CPR Acquis process.

The NSAI Roads Standards Committee (RSC) experts adapted very well to the changing operational needs due to COVID – 19 as national and international standardisation activities continued in the virtual environment.

The RSC met in July 2020, the agenda included activity reports from the Working Groups, an update on the CPR review and a presentation on the work of Construction Standards Consultative Committee in the development and launch of the NSAI Construction Sector Standardisation Programme to 2021.

The RSC Members had a busy year participating in national and international standards development work online in 2020. The main national work items were the continued development of the revision of S.R. 18 Irish National guidance to EN 13139:2002 Aggregates for mortar by the Aggregates Panel in conjunction with the Concrete Standards Consultative committee, and the continued development of Irish Standard I.S. 844 Transportation and Installation of Bituminous Materials for roads and other paved areas, by the Asphalt WG.

The CPR Acquis (i.e., harmonised standards, the European assessment documents and the legal acts of the European Commission) a parallel and separate process to the CPR review was launched by the European Commission in 2020. Information on this process was circulated to the RSC and Working Groups and the DHLGH gave presentations to WGs of the RSC on the CPR Acquis programme and the support provided by NSAI Standards to this programme.

Thank you to all the experts in the Roads Standards Committee technical bodies (SCs , WGs) for your continued commitment to standards development during 2020 and a particular thank you to the Chairs.

Gearoid Lohan

Chair of the NSAI Roads Standards Consultative Committee

2 Introduction

NSAI/TC 17 Roads Standards Committee (RSC) is a national Consultative Committee which advises the NSAI on standards for roads, materials and equipment. There are national technical bodies (WGs, SCs) for different aspects of roads standards which report into the RSC.

NSAI facilitates national experts to participate in international standards development work in the area of roads standards. The national technical bodies "mirror" the relevant CEN (European Committee for Standardization) technical committees, see 4.1 for the structure of the Roads Standards Committee and the relevant CEN technical bodies mirrored at national level.

The NSAI Roads Standards committee technical bodies monitor, comment and vote on draft standards being developed at CEN level and are also responsible for developing indigenous Irish Standards and guidance documents to the CEN standards adopted as Irish Standards on publication. A number of Irish experts on the Roads Standards Committee also participate as Members of relevant CEN technical committees.

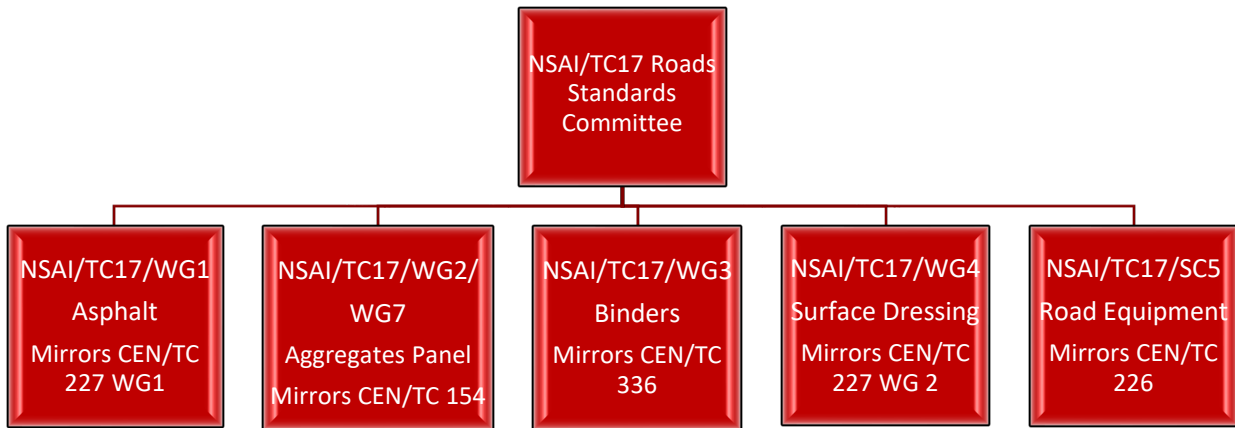
Due to the COVID – 19 pandemic national and international work progressed online in 2020, see section 5 for a summary of national and CEN meetings attended by Irish experts in 2020.

3 Scope of TC

1. To advise the NSAI regarding Irish Standards, Codes of Practice and guidance documents concerning standards relevant to roads including bituminous binders, road materials, aggregates, and road equipment.
2. To draft appropriate documentation including Standards, Codes of Practice, Amendments, and relevant guidance documents.
3. To advise NSAI on how to vote on draft European and International Standards.
4. To ensure that relevant interested parties are consulted in the drafting of Standards, Codes of Practice, guidance documents and on voting on draft European and International Standards where applicable.
5. To liaise with similar bodies in other EU countries and in particular CEN (European Committee for Standardisation) and ISO (International Organisation for Standardisation), where relevant.

4 Structure and Membership

4.1 Structure



4.2 Organisations represented on the RSC 2020

Organisations represented on the RSC 2020
Chairperson (Colas Ireland)
IAPA
Irish Cement Ltd.
Independent Consultants
TII
Quality Asphalt Ltd.
UCD
Irish Tar and Bitumen Suppliers Limited
Colas Ireland
SLR /Representative of IGI
Lagan Materials (Part of Breedon group)
Ground Investigates /IGI
Roadstone
Colfix
IGSL/Engineers Ireland
MTS Ltd
Lagan Asphalt Group
ICF
Joint Chairs of NSAI /TC 17 WG 1 Asphalt
Chair of NSAI/TC 17 Aggregates Panel
Chair of NSAI/TC 17 WG 3 Binders
Chair of NSAI/TC 17 WG 4 Surface Dressing
Chair of NSAI/TC 17 SC 5 Road Equipment
NSAI (Secretary RSC, WG1, WG2, WG3, WG4, WG7)
NSAI (Secretary SC5)

5 Summary of 2020 Activities

5.1 Meetings

5.1.1 National meetings

	Meeting	Date
1.	Roads Standards Committee	14/7/2020
2.	Aggregates Panel (SR 18)	23/1/2020
3.	Aggregates Panel (SR 18)	19/2/2020
4.	Aggregates Panel (SR 18)	23/3/2020
5.	Aggregates Panel (SR 18)	28/4/2020
6.	Aggregates Panel (SR 18)	26/5/2020
7.	Aggregates Panel (SR 18)	1/12/2020
8.	Asphalt WG	21/1/2020
9.	Asphalt WG	5/3/2020
10.	Asphalt WG	21/4/2020
11.	Asphalt WG	18/6/2020
12.	Asphalt WG	6/10/2020
13.	Asphalt WG	8/12/2020
14.	Road Equipment SC 5 WG 6	12/3/2020

5.1.2 International meetings attended

Irish experts attended the following meetings in 2020:

CEN Technical body	CEN Meetings 2020
	VIRTUAL
CEN/TC 154 Aggregates	23 rd January 2020 SC1, SC2, SC3, SC4 30 th April 2020 Joint SC1, SC2, SC3, SC4 23 rd June 2020 Joint SC1, SC2, SC3, SC4 20 th and 21 st October 2020 Plenary
CEN/TC 227 Road Materials	30 th September 2020
CEN/TC 227 WG1 Bituminous Mixtures	6 th /7 th May 2020 20 th /21 st October 2020
CEN/TC 227 WG2 Surface Dressing	24 th March 2020 19 th /20 th October 2020

CEN/TC 227 WG5 Surface Characteristics	16 th April 2020 5 th November 2020
CEN/TC 336 WG1 – Bituminous binders for paving	13 th /14 th October 2020
CEN/TC 336 WG2 – Fluxed bitumen and bituminous emulsions	21 st September 2020
CEN/TC 226 WG1 - Crash barriers, safety fences, guard rails and bridge parapets	29 th May 2020 3 rd December 2020

5.2 National Work

RSC WG/SC	Work Item
NSAI/TC 17 WG 1 Asphalt WG	Continued development of Irish Standard I.S. 844 Transportation and Installation of Bituminous Materials for roads and other paved areas Continued input at national level into relevant standards development work in CEN/TC227
NSAI/TC 17 WG7 (SR16/SR18) Aggregates Panel	Revision of S.R. 18 Irish National guidance to EN 13139:2002 Aggregates for mortar – ongoing Continued input at national level into relevant standards development work in CEN/TC154
NSAI/TC 17 WG 3 Binders WG	Continued input and participation at national level into relevant standards development work in CEN/TC336 No national projects in 2020.
NSAI/TC 17 WG 4 Surface Dressing WG	Continued input at national level into relevant standards development work in CEN/TC227 WG2 No national projects in 2020
NSAI/TC 17 WG2/WG7 Aggregates Panel	Revision of S.R. 18 Irish National guidance to EN 13139:2002 Aggregates for mortar – ongoing Continued input at national level into relevant standards development work in CEN/TC154
NSAI/TC 17 SC 5 Road Equipment	Continued input at national level into relevant standards development work in CEN/TC226 No national projects in 2020.

5.3 International Standards/ballots Reviewed and votes submitted from NSAI

RSC SC/WG	Ballot	NSAI Vote submitted
NSAI/TC 17 WG1 Asphalt (CEN/TC 227 WG1)	prEN 12697-15	ABSTAIN
	prEN 12697-36	APPROVE
	prEN 12697-7	ABSTAIN
	Systematic review EN 12697-4:2015	ABSTAIN
	FprEN 12697-42	APPROVE
	CIB To re appoint Mr Arash Khojinian as Chair of CEN/TC 227 for another 3 years	APPROVE
	CIB To appoint Mr Breixo Gómez-Mejide as CEN/TC 227/WG 1	APPROVE
	CIB CEN/TC 227 Decision 25/2019 Nine month tolerance request for EN 13108 series parts 1-7 and part 9	APPROVE
	CIB CEN/TC 227 01/2020 to confirm 5 standards	APPROVE
	CIB CEN/TC 227 03/2020 DRAFT DECISION 03/2020 to agree the request from ISO/TC59/SC8 'Sealants' for a liaison with CEN/TC227/WG3 with Mr Ruud de Block as the liaison office	APPROVE
	CIB CEN/TC 227 DRAFT DECISION 02/2020 to apply for a nine month tolerance request for EN 12697-49	APPROVE
RSC/TC 17 WG2/ WG7 Aggregates Panel	Ballot	NSAI Vote submitted
	CIB Request for comments on 13383-1	NO Comments
	CIB Request for comments on 13450-1	NO Comments
	CIB Request for comments on 13450-2	NO Comments
	CIB Request for comments on 17555-1	YES, comments submitted
	CIB Request for comments on 17555-2	NO Comments
	CIB N1553 NWIP Revision of EN 13383 armour stone	APPROVE
	CIB NWIP (Combined) Aggregate standard	APPROVE
	CIB N1551 NWIP revision of EN 13055 lightweight aggregates	APPROVE
	CIB N1556 NWIP : Releasable alkali content of aggregates	APPROVE
	FprEN 1097-2	APPROVE
	FprEN 1097-8	APPROVE

NSAI/TC 17 WG 3 Binders (CEN/TC 336)	CIB 9 months time-frame tolerance decision on prEN 14023	APPROVE
	CIB for ACTIVATION of PWI 00336193 on prEN 12846-1 rev	APPROVE
	CIB for ACTIVATION of PWI 00336193 on prEN 12846-2 rev	APPROVE
	CIB To approve draft decision C02-2020 for approval of SReq Annexes I & II circulated as N877?	APPROVE
	CIB SReq and EN 13808 - preferred option for managing additional characteristics for EN 13808 in the SReq(if possible)	OPTION 1
	CIB NWIP for EN 12847:2009 minor revision	APPROVE
	CIB NWIP for EN 12850:2009	APPROVE
	CIB draft decision C01-2020 on EN 12606-2:1999 withdrawal	APPROVE
NSAI/TC 17 SC 5 Road Equipment CEN/TC 226		
	prEN 1790	ABSTAIN
	prEN 1463-1	ABSTAIN
	prEN 1463-2	ABSTAIN
	prEN 1463-3	ABSTAIN
	FprEN 1794-2	ABSTAIN
	FprEN 12414	ABSTAIN
	FprEN 1871	ABSTAIN
	CIB deletion of WI 226 - EN 12802	ABSTAIN
	CIB Skip FV for WI 257- EN 1793-6/prA1	ABSTAIN
	CIB deletion of WI 228- EN	APPROVE
	CIB adoption of a new WI - TS 1317-4	APPROVE
	CIB New Work item N 1861 Draft decision D705c_2020_Adoption of WI – TS 1317-4(WG1)	APPROVE
CIB D704c_deletion of WI 228-EN 1317 (WG1) Deletion of WI 00226228 revision of EN 1317 “Vehicle restraint systems – product characteristics, assessment/test methods”	APPROVE	

6 Irish Publications

There were no Irish publications in 2020.

7 Work programme for 2021 onwards

RSC SC/WG	Work Programme
NSAI/TC 17 WG1 Asphalt	<p>Ongoing development of I.S. 844 Transportation and installation of bituminous Materials for roads and other paved areas</p> <p>Continued input/participation into relevant standards development work in CEN/TC227 -Road Materials</p> <p>The revision of the bituminous mixtures suite of standards (EN 13108) at CEN level have been delayed due to non-compliance with the relevant mandate M/124.</p> <p>The CEN/TC 227 Chairman's Advisory Group or CEN/TC 227 presented at the plenary meeting in September, 4 options for a way forward for WGs to consider and provide their recommendations for the next CAG meeting in 2021.</p>
RSC/TC 17 WG2/ WG7 Aggregates Panel	<p>Ongoing development of S.R. 18 Irish National guidance to EN 13139:2002 Aggregates for mortar – ongoing, plan for publication in 2021.</p> <p>Following publication of S.R. 18 the Aggregates Panel will plan for the revision of S.R 17:2004 Guidance on the use of I.S. EN 13043:2002 – Aggregates for bituminous mixtures and surface treatments for roads, airfields, and other trafficked areas. The is work will be in collaboration with NSAI/TC 17 WG 1 Asphalt.</p> <p>Continued input/participation into relevant standards development work in CEN/TC154 -Aggregates.</p> <p>A decision was made by CEN/TC 154 to develop a combined aggregate standard prEN 17555 -1 incorporating EN 13143, EN12620, EN23242 and EN13139 and a Part 2 harmonised standard prEN 17555-2 with complementary information.</p> <p>The Aggregates Panel will continue to monitor and input into the development of these standards. Enquiry expected in 2021.</p> <p>When these documents are approved for citation in the OJEU by the Commission, a work programme will be developed to review/revise the relevant National guidance documents where necessary i.e., S.R. 21, S.R. 16, S.R. 18, S.R. 17.</p> <p>CEN/TC 154 Aggregates are number 10 in priority on the European Commission's WGs for the CPR Acquis. Participation in the CPR Acquis Aggregates Working group may commence in 2021.</p>
NSAI/TC 17 WG 3 Binders	<p>Continued input and participation at national level into relevant standards development work in CEN/TC336</p>
NSAI/TC 17 WG 4 Surface Dressing	<p>Continued input and participation at national level into relevant standards development work in CEN/TC227 WG 2.</p>

NSAI/TC 17 SC 5 Road Equipment	Continued input and participation at national level into relevant standards development work in CEN/TC226.
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