



**NSAI**

# ANNUAL REPORT 2019

NSAI /TC 17 ROADS STANDARDS  
CONSULTATIVE COMMITTEE (RSC)

## Contents

1	Introduction .....	3
2	Scope of TC .....	3
3	Structure and Membership.....	4
3.1	Structure .....	4
3.2	Organisations represented on NSAI/TC 17 2019.....	5
4	Summary of 2019 Activities .....	5
4.1	Meetings .....	5
4.1.1	National meetings .....	5
4.1.2	International meetings attended by Members of NSAI/TC 17 .....	6
4.2	National Work .....	7
4.3	International Standards/ballots Reviewed and votes submitted from NSAI .....	8
5	Irish Publications.....	10
6	Work programme for 2020 onwards .....	10

## 1 Introduction

NSAI/TC 17 Roads Standards Committee (RSC) is a national Consultative Committee which advises the NSAI on standards for roads, materials and equipment.

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 3.1 for the structure of the Roads Standards Committee and the relevant CEN technical committees mirrored at national level.

A meeting of the Roads Standards Committee (plenary) was not held in 2019. The RSC technical bodies (WGs, SCs) continued to input into standards development work at CEN level through participation in CEN technical committee ballots and through participation and attendance at national and international meetings.

NSAI hosted 2 CEN meetings in 2019 in the Roads Standards area, CEN/TC 227 WG2 Surface Dressing in October 2019 and CEN/TC 336 WG1 – Bituminous binders for paving in September 2019.

The development of S.R. 18 Guidance to I.S. EN 13139:2002 Aggregates for mortar and I.S. 844 Transportation and Installation of Bituminous Materials for roads and other paved areas were the predominant areas of national work ongoing in 2019.

A new e-committee was established at national level to support national participation in the work of CEN/TC 227 Surface characteristics.

The NSAI Construction Sector Standardisation programme publication and the programme database were launched in November 2019 by NSAI/TC 006 Construction Sector Standards Consultative committee, both available on the NSAI construction sector webpage [Construction Standards | NSAI](#)

The Chair of Roads Standards Committee and the Chair of the Aggregates Panel are represented on NSAI/TC 006.

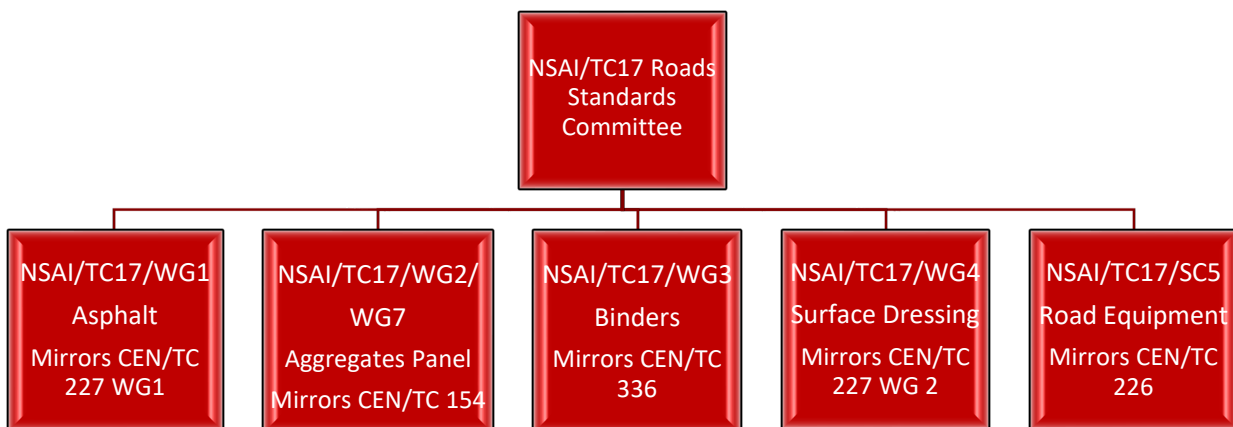
## 2 Scope of TC

1. To advise the NSAI with regard to 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.

### 3 Structure and Membership

#### 3.1 Structure



### 3.2 Organisations represented on NSAI/TC 17 2019

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)

## 4 Summary of 2019 Activities

### 4.1 Meetings

#### 4.1.1 National meetings

	Meeting	Date
1.	Aggregates Panel (SR 18)	28/2/2019
2.	Aggregates Panel (SR 18)	21/4/2019
3.	Aggregates Panel (SR 18)	26/6/2019
4.	Aggregates Panel (SR 18)	28/8/2019 (Geologists)
5.	Aggregates Panel (SR 18)	17/10/2019 (Geologists)
6.	Aggregates Panel (SR 18)	31/10/2019
7.	Asphalt WG	10/4/2019
8.	Asphalt WG	20/6/2019
9.	Asphalt WG	10/9/2019
10.	Asphalt WG	25/10/2019
11.	Asphalt WG	26/11/2019
12.	Binders WG	30/5/2019
13.	Road Equipment SC 5	30/5/2019
14.	Road Equipment SC 5 WG 6 Noise reducing devices	5/3/2019

4.1.2 International meetings attended by Members of NSAI/TC 17

<b>CEN Technical body</b>	<b>CEN Meetings 2019</b>
CEN/TC 154 Aggregates	19 <sup>th</sup> June 2019 SC3 Duisburg 21 <sup>st</sup> /22 <sup>nd</sup> October 2019 Switzerland
CEN/TC 227 Road Materials CEN/TC 227 WG1 - Bituminous Mixtures CEN/TC 227 WG2- Surface Dressing CEN/TC 227 WG 5 -Surface characteristics	25 <sup>th</sup> June 2019 Madrid 14 <sup>th</sup> /15 <sup>th</sup> May 2019 Switzerland 19 <sup>th</sup> November 2019 Delft 23 <sup>rd</sup> /24 <sup>th</sup> October 2019 Dublin 25 <sup>th</sup> April 2019 Paris 13 <sup>th</sup> November 2019 Zurich
CEN/TC 336 WG1 - Bituminous binders for paving	26 <sup>th</sup> /27 <sup>th</sup> February 2019 Athens 17 <sup>th</sup> /18 <sup>th</sup> September 2019 Dublin
CEN/TC 336 WG2 - Fluxed bitumen and bituminous emulsions	25 <sup>th</sup> /26 <sup>th</sup> March 2019 Prague
CEN/TC 226 WG1 - Crash barriers, safety fences, guard rails and bridge parapets CEN/TC 226 WG 6 - Noise reducing devices	22 <sup>nd</sup> /23 <sup>rd</sup> January 2019 London 22 <sup>nd</sup> 23 <sup>rd</sup> October 2019 Bolzano 9 <sup>th</sup> May 2019 TG1 Leipzig 8 <sup>th</sup> /9 <sup>th</sup> November 2019 TC 2 Vienna

## 4.2 National Work

<b>RSC WG/SC</b>	<b>Work Item</b>
NSAI/TC 17 WG 1 Asphalt WG	Development of new 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 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 WG 3 Binders WG	Continued input and participation at national level into relevant standards development work in CEN/TC336.
NSAI/TC 17 WG 4 Surface Dressing WG	Continued input at national level into relevant standards development work in CEN/TC227 WG2.
NSAI/TC 17 SC 5 Road Equipment	The Road Equipment Sub-Committee, NSAI/TC 17/SC 05, published a National Foreword to EN 12767:2019 Passive safety of support structures for road equipment – Requirements and text methods. Users are directed to the TII publications for recommended classes considered most suitable indifferent situations.  Continued input at national level into relevant standards development work in CEN/TC226.

### 4.3 International Standards/ballots Reviewed and votes submitted from NSAI

<b>RSC WG/SC</b>	<b>Ballot</b>	<b>NSAI Vote submitted</b>
NSAI/TC 17 WG1 Asphalt  (CEN/TC 227 WG1)	CIB EN 17392-1 9 month tolerance	APPROVE
	FprEN 13108-31	APPROVE
	CIB Preliminary Work Item for a voluntary EN standard dedicated to the calibration of binder sprayers for surface dressing, including both of the BS 1707 and NF P98-726 test methods	APPROVE
	CIB Activation of a Work Item for the revision of EN 12272-3	APPROVE
	CIB Preliminary Work Item for a voluntary EN standard dedicated to a global and simplified test methods for the assessment of the quality of a surface dressing jobsite	APPROVE
	CIB Activation of the PWI for the revision of EN 12272-1	APPROVE
RSC/TC 17 WG2/ WG7 Aggregates Panel	CIB NWIP Revision of 932-3	APPROVE
	CIB Additional change to the CEN/TC 154 Scope	APPROVE
	FprEN 1097-2	APPROVE
	FprEN 1097-8	APPROVE
	Systematic review EN 1097-9:2014	CONFIRM
	Systematic review EN 1097-10:2014	CONFIRM
	Systematic review EN 1367-7:2014	CONFIRM
	Systematic review EN 1367-8:2014	CONFIRM
NSAI/TC 17 WG 3 Binders (CEN/TC 336)	Systematic Review EN 12594	APPROVE
	Systematic Review EN 1093-1	APPROVE
	CIB Decision C04-2019 to go for a New Standardisation Request (to replace Mandate M/124)	APPROVE
	CIB Decision C05-2019 not to publish revised EN 12591 (WI 00336180) without Annex ZA and adopt a new PWI within the frame of the new Standardisation request	APPROVE
	CIB Decision C06-2019 for a 9 months tolerance for the development of WI 00336195 (CEN/TS for Salt Content)	APPROVE
	CIB Decision C06-2019 for a 9 months tolerance for the development of WI 00336196 (CEN/TS for Acid Number)	APPROVE
	CIB Activation of formal work item for prEN 14023	APPROVE
	CIB Activation of formal work item for prEN 13164	APPROVE
	CIB Withdrawal of CEN/TS 15324	APPROVE



	CIB Withdrawal of CEN/TS 15325	APPROVE
	CIB Withdrawal of CEN/TS 15963	APPROVE
	CIB New Work item for the adoption of a new CEN/TR (technical report) on CE Marking and DOP Examples	APPROVE
NSAI/TC 17 SC 5 Road Equipment CEN/TC 226	prEN 12368	ABSTAIN
	prEN 12414	ABSTAIN
	prEN 17383	APPROVE
	FpEN 12767	APPROVE
	FprEN 13422	ABSTAIN
	CIB Adoption of a new WI - EN 1793-6/prA1:2019	APPROVE
	CIB Tolerance request for WI 230 - prEN 16303	ABSTAIN
	CIB Re-appointment of M Wolfgang Ernst as convenor of CEN/TC 226/WG 11	APPROVE
	CIB Publish EN 14388:2018 without aiming its citation to the OJEU	
	CIB Re-appointment of M Jean-Pierre Clairbois as convenor of CEN/TC 226/WG 6	APPROVE
	CIB Re-appointment of M Wolfgang Ernst as convenor of CEN/TC 226/WG 11	APPROVE
	CIB Tolerance request on WI 00226228, prEN 1317	ABSTAIN
	CIB Activation of PWI 253 - EN 1790	ABSTAIN
	CIB Adoption of a new WI, for EN 1463-3 "Road marking materials - Part 3: Active road studs	ABSTAIN
	CIB Adoption of a new PWI, for the development of a CEN/TS on "Determination of acoustic properties of road markings"	ABSTAIN
	CIB Publication or withdrawal of prEN14388:2018	APPROVED Withdrawal
	CIB Adoption of a new PWI, for the revision of EN 1423	APPROVE
	CIB Adoption of a new WI on the revision of EN 14388 rev	APPROVE
	CIB Adoption of a new WI on a CEN/TR "Road Infrastructure – Automated Vehicle interactions reference framework	APPROVE
	CIB Conversion of ENV 1317-4 into a CEN/TS	ABSTAIN
CIB DSTU as observer	ABSTAIN	
CIB Gap and overlap analysis for road equipment	ABSTAIN/No interest	

## 5 Irish Publications

There were no Irish publications in 2019.

## 6 Work programme for 2020 onwards

<b>RSC SC/WG</b>	<b>Work Programme</b>
NSAI/TC 17 WG1 Asphalt	Ongoing development of I.S. 844 Transportation and installation of bituminous Materials for roads and other paved areas.  Continued input/participation into relevant standards development work in CEN/TC227 -Road Materials.
RSC/TC 17 WG2/ WG7  Aggregates Panel	Ongoing development of S.R. 18 Irish National guidance to EN 13139:2002 Aggregates for mortar – ongoing.  The revision of the aggregate suite of standards at CEN level (EN 13242, EN 13043, EN 12620, EN 13139, EN13055, EN 13383) have been significantly delayed due to non-compliance with the relevant mandate M/125. CEN/TC 154 are working with the Commission to address this issue.  The Aggregates Panel will continue to monitor the resolution of issues around the negative assessments from the HAS consultants and input into the revision of these standards by CEN/TC 154 in 2020.  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.
NSAI/TC 17 WG 3 Binders	Continued input and participation at national level into relevant standards development work in CEN/TC336.
NSAI/TC 17 WG 4 Surface Dressing	Continued input and participation at national level into relevant standards development work in CEN/TC227 WG 2.
NSAI/TC 17 SC 5 Road Equipment	Continued input and participation at national level into relevant standards development work in CEN/TC226