



NSAI

ANNUAL REPORT 2018

NSAI /TC 17 ROADS STANDARDS
CONSULTATIVE COMMITTEE (RSC)

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1 Chairman's Statement

The Roads Standards Committee (RSC) working groups had a very busy and productive year in 2018 with the publication of three national guidance documents to ENs and the commencement of two further projects, as detailed in this report.

The RSC Members in 2018 continued to participate in standards development at CEN level as Members of CEN TC's and WGs. At national level by developing national guidance documents, reviewing, commenting and voting on draft European standards and other relevant documents.

2018 brought new Members to the table on Working Groups and their expertise and input has been very welcome.

Therese Clarke (NSAI) is technical secretary to the RSC, Surface Dressing WG, Binders WG and Aggregates Panel. Fergal Finn (NSAI) is technical secretary to the Road Equipment WG. Sabina Seneviratne (NSAI) took over from Therese as technical secretary to the Asphalt WG in November 2018.

A particular thank you for the commitment of the Chairs of the Working Groups, Cathal McCarthy (Binders WG), Michael Byrne (Aggregates Panel), Eddie Winterlich/Tom Casey (Asphalt WG), David Hogan (Surface Dressing WG) and Herbert Nyamakope (Road Equipment SC)

Edmund Hegarty retired as Chair of the Surface Dressing WG in 2018. On behalf of the RSC and NSAI I'd like to thank Edmund for his many years of commitment to this role and participation at CEN level in standards development work. Welcome to David Hogan as new Chair of the Surface Dressing WG.

Alastair DeBeer completed his term as Chair of the Roads Equipment Standards Committee (NSAI/TC 17/SC 5) in 2018. His TII colleague Herbert Nyamakope accepted the role of Chairman to the Sub-committee look forward to a similarly productive year for the Roads Standards Committee in 2019.

Gearoid Lohan

17/1/2019

2 Introduction

The Roads Standards Committee (RSC) is a national Consultative Committee which advises the NSAI on standards for roads, materials and equipment. The national Working Groups for different aspects of roads standards report into the RSC.

The Working Groups and the CEN (European Committee for Standardization) Committees they mirror:

	Road Standards Committee WG	CEN Committee
1.	Asphalt WG	CEN/TC 227 – Road Materials
2.	Aggregates Panel	CEN/TC 154 - Aggregates
3.	Binders WG	CEN/TC 336 – Bituminous Binders
4.	Surface Dressing WG	CEN/TC 227 - WG2 Surface Dressing, Sprays and Slurry Surfacing (incorporating Microsurfacing)
5.	Road Equipment SC	CEN/TC 226 – Road Equipment

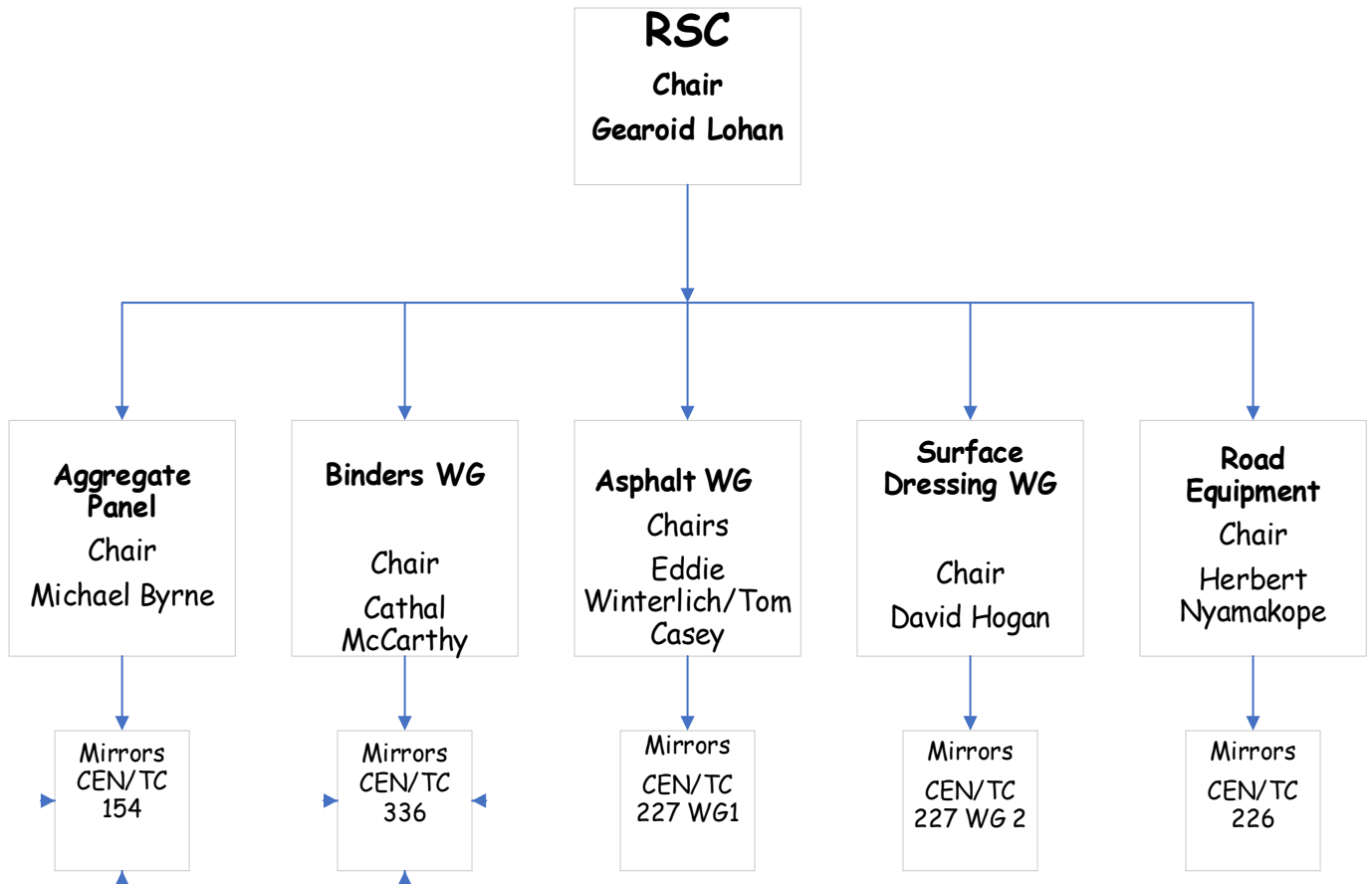
3 Scope of TC

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.

4 Structure and Membership

4.1 Structure

The Figure below illustrates the structure of the Committee:



4.2 Members

Organisation	Name	Role
Colas Ireland	Gearoid Lohan	Chair RSC
Independent	Edmund Hegarty	Member
Irish Cement Ltd.	Richard Bradley	Member
Independent	Michael Byrne	Chair Aggregates Panel
TII	Tom Casey	Joint Chair Asphalt WG
Quality Asphalt Ltd.	Sean Cassidy	Member
TII	Albert Daly	Member
UCD	Amanda Gibney	Member
Irish Tar and Bitumen Suppliers Limited	David Hogan	Chair Surface Dressing WG
Colas Ireland	Alan Kavanagh	Member
SLR /Representative of IGI	John G. Kelly	Member
Fingal County Council	Linda Lally	Member
Kilsaran	Thomas Little	Member
TII	Stephen Smyth	Member
Ground Investigates /IGI	James Lombard	Member
Roadstone	Alan Lowe	Member
Independent	Chris Lycett	Member
Independent	Cathal MacMathuna	Member
Roadstone	Dermot McCarthy	Member
Irish Tar and Bitumen Suppliers Limited	Cathal McCarthy	Chair Binders WG
Corin Bridson	Lagan Asphalt Group	Member
IAPA	Vivian Moore	Member
Colas Ireland	Fergal Madden	Member
Colfix	Noreen Murray	Member
IGSL/Engineers Ireland	Paul Quigley	Member
MTS Ltd	Michael Quinn	Member
Lagan Asphalt Group	Reza Shahmohammadi	Member
ICF	Liam Smyth	Member
TII	Geraldine Walsh	Member
TII	Eddie Winterlich	Joint Chair Asphalt WG
UCD	Tom Webster	Member
NSAI	Therese Clarke	Technical Secretary

5 Summary of 2018 Activities

5.1 Meetings

5.1.1 National meetings

	Meeting	Date
1.	Roads Standards Committee	31/1/2018
2.	Aggregates Panel (General)	25/6/2018
3.	Aggregates Panel (SR 18)	28/8/2018
4.	Aggregates Panel (SR 18)	27/9/2018
5.	Aggregates Panel (SR 18)	31/10/2018
6.	Aggregates Panel (SR 18)	27/11/2018
7.	Asphalt WG	28/6/2018
8.	Asphalt WG	30/10/2018
9.	Asphalt WG	27/11/2018
10.	Binders WG	30/5/2018
11.	Surface Dressing WG	22/1/2018

12.	Road Equipment SC	17/5/2018
13.	Road Equipment SC	25/11/2018

5.1.2 International meetings attended

CEN Technical body	CEN Meetings 2018	Irish experts in attendance (#)
CEN/TC 154 Aggregates	Brussels - February Lisbon - October	2 experts from Aggregates Panel
CEN/TC 227 Road Materials	Vienna – September	1 expert of Asphalt WG
CEN/TC 227 WG1 – Bituminous Mixtures	Dublin – April Stockholm – October	1 expert of Asphalt WG 1 expert of Asphalt WG
CEN/TC 227 WG2 Surface Dressing	Brussels - March	2 experts of Surface Dressing WG
CEN/TC 227 WG5 – Surface Characteristics	Cologne – May Madrid – October	1 expert of Asphalt WG 1 expert of Asphalt WG
CEN/TC 336 WG1 – Bituminous binders for paving	Delft - March Stockholm - October	2 experts of Binders WG 1 expert of Binders WG
CEN/TC 336 WG2 – Fluxed bitumen and bituminous emulsions	March – Paris May – Madrid	1 expert of Binders WG 1 expert of Binders WG
CEN/TC 226 WG 2 Horizontal Road Signs	April – Manchester	1 Expert of SC 5 WG2
CEN/TC 226 WG Road Adaptation to CAV - TG Sensors and road infrastructure	April – Brussels	1 Expert of SC 5
CEN/TC 226 WG 12 Road interaction – ADAS / Autonomous vehicles	October – Paris	2 experts of SC 5
CEN/TC 226 WG 6, Noise reducing devices	November – Strasbourg France	1 Expert of SC 5 WG 6

5.2 National Work

WG	Work Item
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
Asphalt WG	Completion of editing and publication in May 2018 of S.R. 28 Recommendations for the use of the I.S. EN 13108 series of Bituminous mixtures – Material Specifications 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
Surface Dressing WG	Completion of editing and publication in May 2018 of S.R. 61 GUIDANCE ON THE USE OF I.S. EN 12271:2006 SURFACE DRESSING - REQUIREMENTS Completion of editing and publication in May 2018 of S.R. 62 GUIDANCE ON THE USE OF I.S. EN 12273:2008 SLURRY SURFACING – REQUIREMENTS Continued input at national level into relevant standards development work in CEN/TC227 WG2
Binders WG	Continued input and participation at national level into relevant standards development work in CEN/TC336 No national projects in 2018.
Road Equipment SC	Continued input at national level into relevant standards development work in CEN/TC226 No national projects in 2018.

5.3 International Standards/ballots Reviewed and votes submitted from NSAI

WG	Ballot	NSAI Vote submitted
Asphalt	CEN Enquiry ballots: prEN 12697-53, prEN 12697-54, prEN 12697-55, prEN 12697-56, prEN 13108-31 , prEN 12697-22	YES with comments
	CEN Formal Vote: FprEN 12697-27	YES
	FprCEN/TS 12697-52	YES
	CIB (Committee Internal Ballot) Approval of new Chairman CEN TC/227	YES
	CIB NWI ballots for prEN 12697-6 (with comments), prEN 12697-11, prEN 12697-14, prEN 12697-19, prEN 12697-20, prEN 12697-21, prEN 12697-28, prEN 12697-29, prEN 12697-34, prEN 12697-39, prEN 12697-40, prEN 12697-45, prEN 12697-1	YES
	CIB NWI prEN 12697-46	ABSTAIN
	CIB Activation of WI ballots: Revision of EN 12697-31, Revision of EN 12697-5, Revision of EN 12697-3,	YES
	CIB Submission to FV prEN 12697-10	YES
	CIB Confirm for 5 years EN13036-3, EN 13286-3, EN 13286-40, EN 13286-42, EN13286-43, EN13286-46, EN13286-4, EN13286-5, EN13863-4.	YES

Asphalt	CIB – Systematic review of 14 standards for Revision: EN 12697-14:2000 EN 12697-28:2000 EN 12697-29:2002 EN 12697 39:2012 EN 12697-21:2012 EN 12697-34:2012 EN 12697-20:2012 EN 12697-19:2012 EN 12698-11:2012 EN 12697-1:2012 EN 12697-6:2012 EN 12697-40:2012 EN 12697-45:2012 EN 12697-46:2012	YES
Aggregates	CEN Enquiry Ballots: prEN 1097-2, prEN 1097-8	YES
	CEN Formal Vote: FprEN 13043, prEN 13139, FprEN 13242, FprEN 13383-1, FprEN 13450	YES
	CIB Approval to revise EN 1097-1	YES
	CIB NWI EN 13055:2016 AMD lightweight aggregates	YES
	CIB NWI – Source materials – Aggregates	YES
Binders	CEN Enquiry: prEN 13358	YES
	CEN Enquiry: prEN 13074-1, prEN 13074-2	NO with Comments
	CIB systematic review EN 16345	YES
	CEN Formal Vote: FprEN 13702	YES
	Cal for liaison officers for CEN/TC 254, CEN/TC 350, CEN/TC 351	ABSTAIN
	CIB Call for experts in the field of rheological test methods and ageing test methods	ABSTAIN
Road Equipment	Overall: Voting on 27 eballots , 100% voting on national ballots	
	Review of CEN Formal Vote: FprEN 14388 (with comments), FprEN 1793-2, FprEN 1793-6	YES with comments
	CEN Enquiry: prEN 12767, prEN 16303	Abstain
	CEN Enquiry: prEN 13422	Yes with comments

6 Irish Publications

S.R. 61:2018 GUIDANCE ON THE USE OF I.S. EN 12271:2006 SURFACE DRESSING - REQUIREMENTS

S.R. 62:2018 GUIDANCE ON THE USE OF I.S. EN 12273:2008 SLURRY SURFACING – REQUIREMENTS

S.R. 28:2018 Recommendations for the use of the I.S. EN 13108 series of Bituminous mixtures – Material Specifications

7 Work programme for 2019 onwards

WG	Work Programme
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. A Delegated Act submitted by CEN/TC 227 has been approved by the Commission, which resolves this issue. Citation of these standards is expected in 2020.</p> <p>A programme of work will be developed in 2020 to revise S.R. 28.</p>
Aggregates	<p>Ongoing development of S.R. 18 Irish National guidance to EN 13139:2002 Aggregates for mortar – ongoing. Public consultation planned for mid 2019 and publication by end 2019.</p> <p>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, planned on completion and publication of S.R 18.</p> <p>Continued input/participation into relevant standards development work in CEN/TC154 - Aggregates.</p> <p>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 next stage is a 3rd CEN Formal vote in 2019.</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>
Binders	<p>Continued input and participation at national level into relevant standards development work in CEN/TC336</p>
Road Equipment	<p>The Road Equipment Sub-Committee, NSAI/TC 17/SC 05, will propose a National Annex to prEN 12767. This will be the first national document produced by this committee. National requirements are generally outlined in the TII procedures</p>