



**NSAI**

# ANNUAL REPORT 2021

NSAI TIMBER STANDARDS  
CONSULTATIVE COMMITTEE  
TC 008

## Contents

1	Introduction .....	3
2	Scope of TC.....	4
3	Structure and Membership .....	4
3.1	Structure .....	4
3.2	Membership.....	5
4	Summary of 2021 Activities .....	6
4.1	National .....	6
4.1.1	Meetings .....	6
4.1.2	National Work .....	6
4.2	International/Regional .....	6
4.2.1	Meetings .....	6
4.2.2	International/Regional Work .....	7
4.2.3	International/Regional Standards Reviewed .....	7
4.2.4	International/Regional Voting Results .....	7
4.3	Regulatory Development/Update .....	8
5	Irish Publications/Reviews.....	8
5.1	Publications .....	8
5.2	Reviews .....	8
6	Work programme for 2022 onwards .....	9

## 1 Introduction

The Timber Standards Consultative Committee (TC 008) currently monitors and maintains national standards relating to the Timber sector. It also contributes to the work of several technical committees and working groups within CEN.

TC 008 covers a wide range of standards, from Timber used in a structural context, to timber fencing and preservatives.

At European level, CEN/TC 124 "Timber structures" is the main area of interest for NSAI/TC 008. The work programme of CEN/TC 124 is currently focussed on the preparation of standards for the structural use of timber covering solid timber, glued laminated timber, glued solid timber, cross laminated timber and other timber and structural wood-based components.

Some of the main benefits, recognised both nationally and at European level, of standardisation in the structural timber area include:

- Standards are expected to remove technical barriers to trade and open markets throughout Europe by leading to the trade of CE marked wood products.
- Standards are answering to relevant safety, health, or environmental concerns in the area of European Construction Regulation by supporting structural Eurocodes.
- Standards provide input values required by the European structural design standard EN 1995. Approximately 42 European Standards are now available for use of timber in structural applications.

During 2021, Ireland has had national experts contributing directly to five areas under CEN/TC 124, namely, test methods (WG 1), solid timber (WG 2), connectors (WG 4), Prefabricated wall, floor and roof elements (WG 5) and wood poles (WG 6).

Key activities undertaken in 2021 include the continuation of work to revise I.S. 440:2009+A1 2014 - *Timber frame construction, dwellings and other buildings*.

2021 saw new members joining TC 008 which further enhanced the stakeholder representation on the committee.



The industry currently has 6 experts involved in international work

## 2 Scope of TC

NSAI/TC 008 "Timber Standards Consultative Committee" provides a representative and strategic forum for the timber industry in Ireland through which participation in European and international technical committees concerned with standards relating to timber for structural and other uses is co-ordinated. Additionally, this committee affords an opportunity for interested parties to participate in the development and review of national standards.

NSAI/TC 008 has, as one of its main roles, the function of advising NSAI on standard developments relating to the timber industry at national, European and international levels.

Through the work of NSAI/TC 008 a number of CEN and ISO committees and associated Working Groups are monitored.

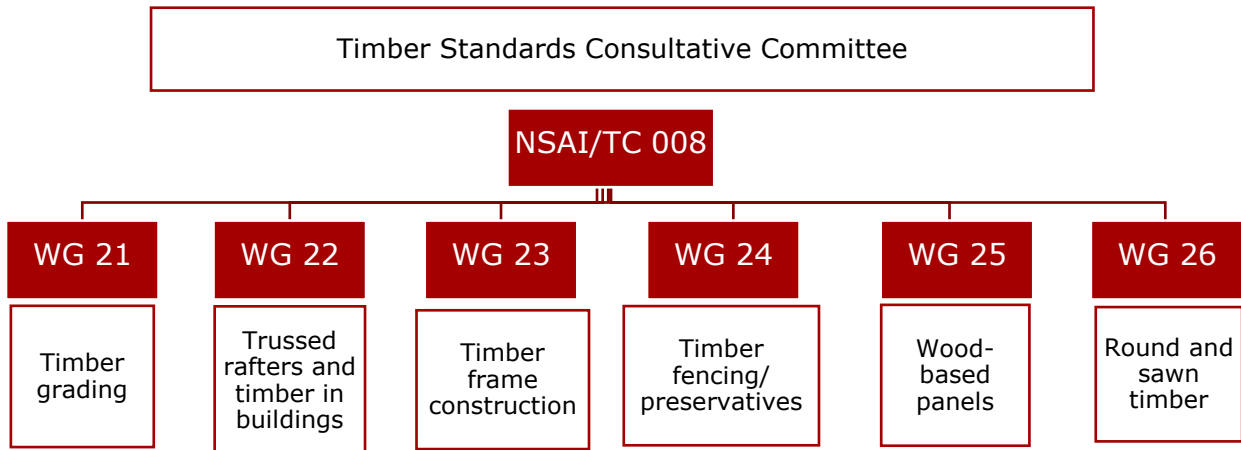
The committee mirrors the following international committees:

Committee name	Committee Title	NSAI Mirror Committee	NSAI Committee Title
CEN/TC 124	Timber Structures	TC 008	Timber Standards Consultative Committee
ISO/TC 165	Timber structures		
ISO/TC 287	Sustainable processes for wood and wood-based products		
ISO/TC 89	Wood-based panels		
CEN/TC 124/WG 2	Solid Timber	TC 008 WG21	Visual Strength Grading
CEN/TC 124/WG 4	Connectors	TC 008 WG22	Trussed rafters and timber in buildings
CEN/TC 124/WG 5	Prefabricated wall, floor and roof elements	TC 008 WG23	Timber frame construction
CEN/TC 38	Durability of wood and wood-based products	TC 008 WG24	Timber fencing/preservatives
CEN/TC 112	Wood-based panels	TC 008 WG25	Wood-based panels
CEN/TC 175	Round and sawn timber	TC 008 WG26	Round and sawn timber

## 3 Structure and Membership

### 3.1 Structure

The Figure below illustrates the structure of the Committee:



### 3.2 Membership

Numerous organisations are represented on TC 008, with secretariat provided by NSAI. The below organisations are represented on the committee.

Organisation	Role
Timber Design Services	Committee Chairperson
Trussed Rafter Association	Committee Member
Dept. of Housing, Local Government and Heritage	Committee Member
TFM	Committee Member
NUI Galway	Committee Member (x2)
NSAI, Certification	Committee Member
Dept. of Agriculture, Food and the Marine	Committee Member
Glennon Brothers	Committee Member
Coillte	Committee Member
National Building Control Office	Committee Member
Homebond	Committee Member
Irish Timber Frame Manufacturers Association	Committee Member
NSAI	Committee Secretariat
Dublin City Council	Committee Member
Keenan Timber Frame	Committee Member

*Note: Independent members of the committee are not listed above.*

## 4 Summary of 2021 Activities

### 4.1 National

#### 4.1.1 Meetings

Committee members attended the following TC 008 meetings as follows:

Meeting No.	Date	Minutes reference
1	24 March 2021	N0130

All meeting were held virtually.

#### 4.1.2 National Work

The primary focus for TC 008 was the continuation of the revision of I.S. 440. Under WG 23 – Timber Frame Construction, several meetings were held to advance the drafting process.

Additionally, in 2021 TC 008 also engaged in;

- Continued monitoring of ballots from regional and international committees that are mirrored;
- On-going monitoring of work by its active Working Groups;
- Recruitment of experts to CEN Technical Committees in the timber area; and
- Recruitment of new members to NSAI/TC 008.

### 4.2 International/Regional

#### 4.2.1 Meetings

Committee members attended CEN meetings as follows in 2021:

Committee Name	Date	No. of Attendees
CEN/TC 124	17 May	1
CEN/TC 124/WG 1	26 January	1
CEN/TC 124/WG 1	27 April	1
CEN/TC 124/WG 1	15 June	1
CEN/TC 124/WG 1	24 August	1
CEN/TC 124/WG 2	08 September	1
CEN/TC 124/WG 2	20 October	1
CEN/TC 124/WG 2/TG 1	20 – 21 April	1
CEN/TC 124/WG 2/TG 1	16 – 17 November	1
CEN/TC 124/WG 4	23 February	1
CEN/TC 124/WG 4	25 May	1
CEN/TC 124/WG 4	10 August	1
CEN/TC 124/WG 4	21 September	1
CEN/TC 124/WG 5	15 May	2
CEN/TC 124/WG 5	23 November	2

#### 4.2.2 International/Regional Work

Members of NSAI/TC 008 participate actively in the work of the following CEN committees and working groups in the Timber sector;

- CEN/TC 124 – Timber structures
- CEN/TC 124/WG 1 – Test methods
- CEN/TC 124/WG 2 – Solid timber
- CEN/TC 124/WG 4 – Connectors
- CEN/TC 124/WG 5 – Prefabricated wall, floor and roof elements
- CEN/TC 124/WG 6 – Wood poles
- CEN/TC 175 – Round and sawn timber

In 2021, two expert members of TC 008 were nominated to participate on CEN/TC 124/WG 5.

NSAI/TC 008 committee members also participate on NSAI/TC 015, and CEN/TC 250, actively monitoring and participating on the development of the 2<sup>nd</sup> generation Eurocodes.

#### 4.2.3 International/Regional Standards Reviewed

The committee did not carry out any reviews in 2021.

#### 4.2.4 International/Regional Voting Results

NSAI/TC 008 members voted on the following International and Regional ballots in 2020;

<b>Committee</b>	<b>Vote Reference</b>	<b>Decision</b>
<b>CEN/TC 124</b>	Decision C476 - 9 months tolerance for WI 00124183	Approve
<b>CEN/TC 124</b>	Decision C477 - 9 months tolerance for WI 00124182	Approve
<b>CEN/TC 124</b>	Decision C478 - 9 months tolerance for WI 00124181	Approve
<b>CEN/TC 124</b>	Decision C475 - publication without annex ZA for WI 00124187	Approve
<b>CEN/TC 124</b>	Decision C474 - publication without annex ZA for WI 00124149	Approve
<b>CEN/TC 124</b>	Decision C 480 : confirmation of EN 1075:2014	Abstain
<b>CEN/TC 124</b>	EN 1383:2016	Confirm
<b>CEN/TC 124</b>	EN 1383:2016	Confirm
<b>CEN/TC 124</b>	EN 1382:2016	Confirm
<b>CEN/TC 124</b>	EN 1381:2016	Confirm
<b>CEN/TC 124</b>	EN 14081-1:2016+A1:2019	Confirm
<b>CEN/TC 124</b>	EN 1381:2016	Revise
<b>CEN/TC 124</b>	EN 1382:2016	Revise
<b>CEN/TC 124</b>	EN 1383:2016	Revise
<b>CEN/TC 124</b>	Draft Decision C491 Deletion of WI 00124149	Approve
<b>CEN/TC 124</b>	Decision C486 Execution rules for timber structures	Approve
<b>CEN/TC 124</b>	Decision C487 Adoption of a PWI (revision of EN 15736)	Approve
<b>CEN/TC 124</b>	Decision C488 Adoption of a PWI (revision of EN 409)	Approve
<b>CEN/TC 124</b>	Decision C489 Adoption of a PWI (revision of EN 594)	Approve
<b>CEN/TC 124</b>	Decision C490 Adoption of a PWI (revision of EN 12512)	Approve

<b>CEN/TC 124</b>	EN 14358:2016	Confirm
<b>CEN/TC 124</b>	EN 16737:2016	Confirm
<b>CEN/TC 124</b>	EN 16784:2016	Confirm
<b>CEN/TC 124</b>	EN 338:2016	Confirm
<b>CEN/TC 124</b>	Decision C493 Activation of a Preliminary WI prEN 1912 rev	Approve
<b>CEN/TC 38</b>	EN 49-2:2015	Confirm
<b>CEN/TC 38</b>	prEN 14734	Abstain
<b>CEN/TC 38</b>	prEN 1001	Abstain
<b>CEN/TC 38</b>	prEN 12037	Abstain
<b>CEN/TC 38</b>	EN 16718:2015	Confirm
<b>CEN/TC 112</b>	CEN/TC 250 enquiry on execution rules for timber structures	Approve
<b>CEN/TC 112</b>	Draft Decision C691 Re-appointment of Chairman of CEN/TC 112	Approve
<b>CEN/TC 112</b>	FprEN 14322	Abstain
<b>CEN/TC 112</b>	FprEN 14323	Abstain
<b>CEN/TC 112</b>	Draft Decision CEN/TC 112 692/2021	Approve
<b>CEN/TC 112</b>	Draft Decision CEN/TC 112 693/2021	Approve
<b>CEN/TC 112</b>	Draft Decision CEN/TC 112 694/2021	Approve

### 4.3 Regulatory Development/Update

Currently, NSAI/TC 008/WG 23 "Timber frame construction" is engaged in the revision of I.S. 440:2009+A1:2014 *Timber frame construction, dwellings and other buildings* which is referenced in Technical Guidance Document A (Structure), and Technical Guidance Document B Volume 2 – Dwelling Houses (Fire Safety) published by the Department of Housing, Local Government and Heritage.

## 5 Irish Publications/Reviews

### 5.1 Publications

The committee did not publish any Irish national deliverables in 2021.

### 5.2 Reviews

The committee did not review any Irish national deliverables in 2021.



## 6 Work programme for 2022 onwards

TC 008 will continue its national work programme into 2022 as follows;

The revision of I.S. 440 will continue into 2022.

The following standards are due for systematic review;

- I.S. 158:1987 *Closed string wood stairs*
- I.S. 437:2008 *Horse and stud fencing – Timber post and rail*
- S.R. 70:2015 *Timber in construction – Eurocode 5 – Trussed rafters*
- S.R. 71: 2015 *Timber in construction – Eurocode 5 – Span tables and guidelines*

Additionally, TC 008 will continue to support the attendance of national experts at CEN Technical Committee and Working Group meeting.

TC 008 members will also continue to advise NSAI on matters relating to ballots of committees which are currently mirrored by TC 008.

New expert members may be recruited on to TC 008 to ensure a balanced representation of stakeholders from the timber sector is present.