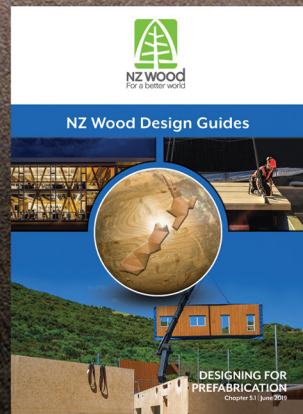
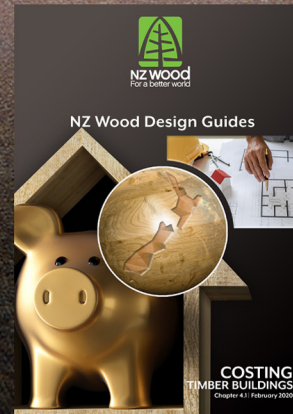
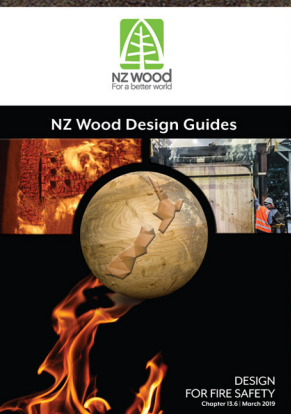




# NZ Wood Design Guides



# ROADMAP



<http://nzwooddesignguides.wpma.org.nz>  
[www.timberdesignawardsnz.co.nz](http://www.timberdesignawardsnz.co.nz)



# NZ WOOD DESIGN GUIDES



NUMBER	GROUP	CHAPTER
1.0	FORESTS AND WOOD	1.1 Introduction 1.2 Trees, Timber Species and Properties
2.0	SUSTAINABILITY	2.1 Timber, Carbon and the Environment 2.2 Social and Health Benefits of Timber Construction
3.0	INSPIRATION	3.1 Structural Forms and Exemplars
4.0	QUANTITY SURVEYING	4.1 Costing Timber Buildings
5.0	PREFABRICATION	5.1 Prefabrication for Specifiers 5.2 Prefabrication for Manufacturers 5.3 Working Safely with Prefabricated Timber
6.0	CONSENTING	6.1 Consenting Timber Buildings
7.0	CONSTRUCTION	7.1 Construction Guidance
8.0	COMMENTARY ON NZS AS1720	8.1 Timber Standards Commentry
9.0	TIMBER SYSTEMS	9.1 Trusses 9.2 Portal Frames 9.3 Pole Structures 9.4 Multi Storey Residential Buildings 9.5 Post and Beam Timber Buildings 9.6 Panel Structures 9.7 Timber Bridges 9.8 Floor and Roof Cassette Systems 9.9 Timber Concrete Composite Floors 9.10 Resilience and Robustness of Structures 9.11 Shear/Bracing walls 9.12 Post Tensioned Timber Structures 9.13 Outdoor Structures 9.14 Timber Arches 9.15 Solid Wood and Log Houses 9.16 Plywood Box Beams 9.17 Sound Barriers 9.18 Stairs, Balstrades and Handrails 9.19 Windows, Doors, Joinery, Paneling 9.20 Safety in Design

# NZ WOOD DESIGN GUIDES



NUMBER	GROUP	CHAPTER
10.0	<b>WOOD PRODUCTS</b>	10.1 Sawn Timber 10.2 Round Wood 10.3 Structural Timber Composites (LVL, LSL, Parallam, I beams) 10.4 Structural Panels (Plywood, OSB, SIPS, Triboard) 10.5 Glulam, PLT 10.6 CLT 10.7 Composite Panels (MDF, Particle Board, Hardboard) 10.8 Modified Wood Products (Thermal and Chemical)
11.0	<b>LOADS MEMBER AND SYSTEM DESIGN</b>	11.1 Horizontal Beams (Rafter, Joists, Lintels, Purlins, Girts etc) 11.2 Vertical Columns (Posts, Studs, Walls) 11.3 Lateral Load Systems 11.4 Diaphragms 11.5 Seismic Design
12.0	<b>CONNECTIONS</b>	12.1 Nails, Screws, Rivets and Staples 12.2 Bolted and Dowel Connections 12.3 Glued Connections 12.4 Epoxied Steel Rods 12.5 Portal Knee Connections 12.6 Reinforcement of Timber Members
13.0	<b>BUILDING BEHAVIOUR</b>	13.1 Moisture 13.2 Durability 13.3 Treatments 13.4 Timber Coatings 13.5 Acoustics 13.6 Design for Fire Safety 13.7 Healthy Homes



## NZ Wood Design Guides



<http://nzwooddesignguides.wpma.org.nz>  
[www.timberdesignawardsnz.co.nz](http://www.timberdesignawardsnz.co.nz)