**Eurocode 5:** 

**Design of timber structures** 

Part 1-1: General

Common rules and rules for buildings

**Estonian National Annex** 

**Eurokoodeks 5:** 

Puitkonstruktsioonide projekteerimine

Osa 1-1: Üldist

Üldreeglid ja reeglid hoonete projekteerimiseks

Eesti standardi rahvuslik lisa



## **FOREWORD**

## This document:

- is the Estonian National Annex to the European Standard EN 1995-1-1:2004 "Eurocode 5; Design of timber structures - Part 1-1; General - Common rules and rules for buildings" and the amendment A1:2008. It includes Estonian Nationally Determined Parameters (NDP) and procedures and it must be used together with EN 1995-1-1+A1 for structural design of buildings and civil engineering works built in Estonia,
- was ratified with an order of Estonian Centre for Standardisation dated 03.03.2009 nr 36.
- is endorsed with the notification published in the April 2009 issue of the official bulletin of the Estonian Centre for Standardisation.

The National Annex of EVS-EN 1995-1-1+A1 was prepared by a working group of TK 13 "Ehituskonstruktsioonide projekteerimine", made up of Karl Õiger, Elmar Just and Alar Just. This document has been approved by Technical Committee EVS/TK 13 "Ehituskonstruktsioonide projekteerimine".

This standard has been amended with the amendment EN 1995-1-1:2004/A1:2008, by which the clause NA.6.1.7(2) was added.

s n.
istry oi The proposition to prepare a National Annex was made by EVS/TK 13, it was coordinated by the Estonian Centre for Standardisation and funded by the Ministry of Economic Affairs and Communications.

ICS 91.010.30 Technical aspects; 91.080.20 Timber structures Price group H

## The right to reproduce and distribute standards belongs to the Estonian Centre for Standardisation

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, without a written permission from the Estonian Centre for Standardisation.

If you have any questions about standards copyright, please contact the Estonian Centre for Standardisation: Aru 10, 10317 Tallinn, Estonia; www.evs.ee; phone: 605 5050; e-mail: info@evs.ee

## **CONTENTS**

NA.2.3.1.2	Load-duration classes	
NA.2.3.1.3	Service classes	
NA.2.4.1	Design value of material property	
NA.6.1.7	Shear	
NA.6.4.3	Double tapered, curved and pitched cambered beams	
NA.7.2	Limiting values for deflections of beams	
NA.7.3.3	Residential floors.	
NA.8.3.1.2	Nailed timber-to-timber connections.	
NA.9.2.4.1	Design method for wall diaphragms	
NA.9.2.5.3	Bracing modification factors for beam or truss systems	
NA.10.9.2	Erection of trusses with punched metal plate fasteners: Maximum bow	
Annex NA	Block shear and plug shear failure at multiple dowel-type steel-to-timber connections	
Annex NB	Mechanically jointed beams	
Annex NC	Built-up columns	16
	10	
	2	
	O <sub>2</sub>	
	O,	
		3
		3