

# Type Approval and decision on production control C001225

### Interior walls with wood tube studs

#### Holder/Issued to

#### Wood Tube Sweden AB

Industrigatan 1, 661 32 Säffle, Sweden

#### **Product description**

Interior walls with wood tube studs and steel rails, with or without mineral wool insulation and cladding with one or two layers of boards of gypsum plaster or OSB.boards on each side. Maximum wall height 4.0 m.

#### Intended use

Interior walls for buildings. User category II for walls with one layer of gypsum plasterboard and user category IV-b for walls with two layers of boards on each side of wood tubes according to EAD 210005-00-0505.

#### Trade name

101, 102, 103

#### **Approval**

The products satisfy the requirements set forth in chapter 8, 4 § 2, 4 and 5 PBL, in respect to and under conditions stated in this type approval, and are therefore approved in accordance with the provisions of the following sections of Boverket Building Regulations (BBR), issued by the National Board of Housing, Building and Planning.

Fire resistance, class EI 30\* respectively EI 60\* 5:231
Airborne sound insulation, R<sub>w</sub>37\*\*, 44\*\* respectively 46 dB\*\* 7
Safety by use (mechanical strength) 8:1

- \*) Fire resistance class for each wall type follows from the Associated documents.
- \*\*) Airborne sound insulation for each wall type follows from the Associated documents.

#### **Associated documents**

Wood Tube mounting guide 230406

#### **Control**

The factory production control (FPC) is monitored by an independent inspection body. Control plan: Wood Tube Kontrollanvisning dated 2023-05-05, Inspection body: RISE

When the building proprietor performs inspection at the building site, markings shall be checked to ensure that the correct products have been supplied and that they are used in accordance with the conditions in this type approval and associated documents. Further the product shall be accompanied by a manufacturer's assurance, certifying that the product has been manufactured in accordance with the documents on which this type approval is based.

Type Approval C001225 | issue 2 | 2023-05-12 RISE Research Institutes of Sweden AB | Certification

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## Type Approval and decision on production control

#### Manufacturing place

Production control includes the following place: Wood Tube Sweden AB, Industrigatan 1, Säffle, Sweden

#### Marking

The marking consists of a text on every documentation supplied and includes:

Holder
Manufacturing place
Product type designation
Type approval number
Fire resistance
Acoustic insulation
Mechanical strength

Boverket's registered trade mark RISE Accreditation number Certification body /and Inspection body Wood Tube Sweden AB Wood Tube Sweden AB, Säffle, Sweden 101, 102, 103 C001225 EI 30 respectively EI 60 Rw 37, 44 respectively 46 dB Use category II respectively IV-b according to EAD 210005-00-0505

**+** 1002 RISE

#### Basis for approval

Report no. 2P01825, 2P01707 and O100402-1114230 from RISE. Report no. 150000-16A and 150000-16B from RISE Fire Research, Norway.

#### **Comments**

Gypsum plasterboards and mineral wool insulation are assumed to meet the requirements for class A1 or A2-s1, d0 according to EN 13501-1. OSB boards according to EN 300.

#### **Validity**

Valid through 2025-06-30.

The validity of this type approval expires when the type approved products with the intended use according to this type approval shall be CE-marked according to the Construction Products Regulation (EU) 305/2011.

Stefan Coric

This is a translation from the Swedish original document. In the event of any dispute as to its content, the Swedish text shall take precedence