

Revision index	Date of implementation
D	01/07/2018

# **Technical Specification B**

List of reference documents

#### Revision D



## Technical Specification B List of reference documents

**EN ISO/CEI 17065: 2012**, Requirements for bodies certifying products, procedures and services.

**EN 13162:2012+A1: 2015**, Thermal insulation products for buildings - Factory-made mineral wool (MW) products - Specification.

**EN 13163:2012+A2: 2016**, Thermal insulation products for buildings - Factory-made expanded polystyrene (EPS) products - Specification.

**EN 13164:2012+A1: 2015** , Thermal insulation products for buildings - Factory-made extruded polystyrene foam (XPS) products - Specification.

**EN 13165 : 2012+A2 : 2016**, Thermal insulation products for buildings - Factory-made rigid polyurethane foam (PUR) products - Specification.

**EN 13166 : 2012+A2 : 2015**, Thermal insulation products for buildings - Factory-made phenolic foam (PF) products - Specification.

**EN 13167 :2012+A1 : 2015** , Thermal insulation products for buildings - Factory-made cellular glass (CG) products - Specification.

**EN 13168 : 2012+A1 : 2015**, Thermal insulation products for buildings - Factory-made wood wool (WW) products - Specification.

**EN 13169 : 2012+A1 : 2015**, Thermal insulation products for buildings - Factory-made expanded perlite based (EPB) products - Specification.

**EN 13170 : 2012+A1 : 2015**, Thermal insulation products for buildings - Factory-made expanded cork (ICB) products - Specification.

**EN 13171 : 2012+A1 : 2015**, Thermal insulation products for buildings - Factory-made wood fibre (WF) products - Specification.

EN 13172: 2014, Thermal insulation products - Evaluation of conformity.

**EN 14064-1: 2010**, Thermal insulation products for buildings - Thermal insulation formed on site from mineral wool (MW) - Part 1: Specifications for bulk products before installation.

**EN 16025-1:2013**, Thermal and/or acoustic insulation products used in building construction — Bonded EPS stacking — Part 1: Requirements for pre-mix in dry plaster plant PSE

**EN 14509: 2013,** Self-supporting, Insulating, Double Skin Metal Siding Sandwich Panels — Manufactured Products — Specifications

**EN 12429: 1999**, Thermal insulating products for building applications - Conditioning to moisture equilibrium under specified temperature and humidity conditions.

**EN 15101-1: 2014,** Thermal insulation products for buildings — In-situ formed loose fill cellulose (LFCI) products — Part 1: Specification for the products before installation

**EN 16012+A1: 2015**, Thermal insulation for buildings — Reflective insulation products — Determination of the declared thermal performance.

**EN 12667: 2001**, Thermal performance of building materials and products - Determination of thermal resistance by means of guarded hot plate and heat flow meter methods - Products of high and medium thermal resistance.

**EN 12939: 2001**, Thermal performance of building materials and products - Determination of thermal resistance by means of guarded hot plate and heat flow meter methods - Thick products of high and medium thermal resistance.

#### Revision D



## Technical Specification B List of reference documents

**EN 12310-1: 1999**, Flexible sheets for waterproofing - Part 1: Bitumen sheets for roof waterproofing — Determination of resistance to tearing (nail shank)

**EN 29052-1: 1992**, Acoustics - Determination of dynamic stiffness - Part 1: materials used under floating floors in dwellings.

EN 29053: 1993, Acoustics - Materials for acoustical applications - Determination of airflow resistance

EN 822: 2013, Thermal insulation products for building applications - Determination of length and width.

EN 823: 2013, Thermal insulation products for building applications - Determination of thickness.

EN 824: 2013, Thermal insulation products for building applications - Determination of squareness.

EN 825: 2013, Thermal insulation products for building applications - Determination of flatness.

**EN 826: 2013**, Thermal insulation products for building applications - Determination of compression behaviour.

EN 1602: 2013, Thermal insulation products for building applications - Determination of apparent density.

**EN 1603: 2013**, Thermal insulation products for building applications - Determination of dimensional stability under constant normal laboratory conditions (23 degrees Celsius/50 percent relative humidity).

**EN 1604: 2013**, Thermal insulation products for building applications - Determination of dimensional stability under specified temperature and humidity conditions.

**EN 1605: 2013**, Thermal insulation products for building applications - Determination of deformation under compressive load and specified temperature conditions.

**EN 1606: 2013**, Thermal insulation products for building applications - Determination of creep in compression.

**EN 1607: 2013,** Thermal insulating products for building applications — Determination of tensile strength perpendicular to faces.

**EN 1608: 2013,** Thermal insulating products for building applications — Determination of tensile strength parallel to faces.

**EN 1609: 2013,** Thermal insulating products for building applications — Determination of short term water absorption by partial immersion.

**EN 12086: 2013,** Thermal insulating products for building applications — Determination of water vapour transmission properties.

EN 12090: 2013, Thermal insulating products for building applications —Determination of shear behaviour.

**EN 12430: 2013**, Thermal insulation products for building applications - Determination of behaviour under point load.

**EN 12431: 2013**, Thermal insulation products for building applications - Determination of thickness of insulating products for floating floors.

**EN 13501-1+A1: 2013**, Fire classification of construction products and building elements - Part 1: classification using data from reaction to fire tests.

**EN 13823+A1: 2015** Reaction to fire tests for building products – Building products excluding floorings, exposed to the thermal attack by a single burning item.

#### Revision D



# Technical Specification B List of reference documents

**EN 13950: 2014**, Gypsum board thermal/acoustic insulation composite panels — Definitions, requirements and test methods.

EN 14647: 2006, Calcium aluminate cement - Composition, specifications and conformity criteria.

**EN 197-1 : 2012** , Cement - Part 1: Composition, specifications and conformity criteria for common cements.

EN 413-1: 2012, Masonry - cement Part 1: Composition, specifications and conformity criteria.

EN 459-1: 2012, Building lime - Part 1: Definitions, specifications and conformity criteria.

EN ISO 354: 2004, Acoustics - Measurement of sound absorption in a reverberation room.

**EN ISO 6946: 2008**, Building components and building elements - Thermal resistance and thermal transmittance - Calculation method

**EN ISO 10456: 2008**, Building materials and products - Hygrothermal properties - Tabulated design values and procedures for determining declared and design thermal values.

**EN ISO 11357-1 : 2016** , Plastiques - Analyse calorimétrique différentielle (DSC) - Partie 1 : Principes généraux

**EN ISO 11357-4: 2014**, Plastics — Differential scanning calorimetry (DSC) — Part 4: Determination of specific heat capacity.

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**EN ISO 12571: 2013**, Hygrothermal performance of building materials and products — Determination of hygroscopic sorption properties.

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**NF DTU 31.2 : 2011**, Building works — Timber frame houses and buildings construction

NF DTU 41.2: 2015, Building works – External wood coverings

**NF DTU 51.11 : 2009**, Parquet floors and wood-faced inlaid floor coverings — Laying of floating parquet flooring and wood-faced inlaid floor coverings**NF DTU 52.1 : 2010**, Building works — Sealed flooring

**NF DTU 52.10 P1.2 : 2013**, Building works — Implementation of insulating undercoats under floating screed or slab and under fixed tiling — Part 1-2: General criteria for the selection of materials

**NF DTU 55.2 : 2014**, Building works — Applied stone wall cladding

**NF DTU 58.1 : 2008**, Building works — Modular suspended ceilings

**NF P11-213-1/A1 : 2007,** DTU 13.3 - Paving - Design, calculation and production - Part 1:  $Contract \ bill$  of technical clauses for paving for industrial or related use

**NF P18-210 : 1993**, DTU 23-1. Building works. In situ formed concrete walls. Technical specifications.**NF P15-202-1 : 2004**, DTU 27.1 - Building works - Coverings from blown-out slag mineral fibers with binder - Part 1-1 : contract bill of technical model clauses

**NF P34-205 : 1997**, DTU 40.35. Building works. Roofing with profiled sheeting made of coated steel sheet**NF P34-215 : 2001**, DTU 40-45. Building works. Roof covering made of copper sheet and long sheet.



# Technical Specification B List of reference documents

Revision D

**NF P75-401-1 : 2001,** DTU 45.1 — Building works — Thermal insulation of refrigerating buildings and of regulated temperature premises

**NF B20-001 : 1988**, Mineral fiber based insulating products. Vocabulary.

**NF P15-314 : 1993**, Hydraulic binders. Prompt natural cement.

**NF P75-301 : 1987**, Manmade thermal insulating products for building purposes. Boards and sheets. Compression test under constant load at ambient temperature.