

{{Seite 3}}

Page 3 of general building authority approval no. Z-33.47-673 from the 29th March 2006

II. SPECIAL PROVISIONS

1 Object of certificate and scope of application

1.1 Object of Certificate

The thermal insulation composite system "MARMORIT WARM-WALL System THD" consists of a 40 mm, 60 mm or 80 mm thick thermal insulation material made of wood fibre insulation boards (WF) according to DIN EN 13171: 2001-10, which are applied using mechanical fastenings directly onto supporting timber structures or wall elements of timber structured exterior walls of buildings in accordance with Section 1.2 and which are coated with a special plaster system.

The plaster system comprises a first layer of plaster reinforced with fibreglass tissue and a top coat of plaster. A final coat of paint may be necessary.

Once installed, the thermal insulation composite system is normally flammable (building material class DIN 4102-B2 according to DIN 4102-1:1998-05) and forms a permanently effective means of weather protection in accordance with DIN 68800-2:1996-05, Section 8.2 C).

1.2 Scope of application

The "MARMORIT WARM-WALL System THD" thermal insulation composite systems may only be used for thermal insulation and as a permanent effective weather protection as per DIN 68800-2:1996-05, section 8.2 c), for exterior walls made from timber construction, which are dimensioned and constructed as per DIN 1052-1 to 3:1988-04 – timber construction methods.

Subject to compliance with the following provisions, these exterior walls can be classified as risk class 0 (GK 0) according to DIN 68800-3:1990-03.

The thermal insulation composite system may be applied only directly to the supporting timber construction of exterior walls or directly to Lignotrend exterior wall elements according to general building authority approval no. Z-9.1-555, to HOMOGEN 80 elements according to general building authority approval no. Z-9.1-220 or to solid wood according general building authority approval or to plank elements.

It is not permitted to apply the thermal insulation composite system to board materials.

The maximum admissible building height for the use of the thermal insulation composite system is 20 m above ground level unless the respective state fire protection provisions specify lower building heights.

The thermal insulation composite system may not be applied to absorb or transfer loads from the building nor as reinforcement against buckling or lateral torsional buckling.

2 Regulations for the thermal insulation composite system

2.1 Properties and composition

2.1.1 General

The thermal insulation composite system "MARMORIT WARM-WALL system THD" and its components shall correspond to the following provisions of this general building authority approval and to the specifications lodged with the Deutsche Institut für Bautechnik.

((Seite 1))

DEUTSCHES INSTITUT FÜR BAUTECHNIK
Public institution

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Ref.: II 14-11.33.47-673/1

General building authority approval

Certificate number: Z-33.47-673

Applicant: KNAUF MARMORIT GmbH
Ellighofen 6
79283 Bollschweil

Object of Certificate: Thermal insulation composite system with wood fibre insulation boards for use on exterior walls made using the "MARMORIT WARM-WALL System THD" timber construction method

Valid until: 31st March 2009

The above cited certification object is hereby approved generally by building authorities. This general building authority approval comprises 10 pages and 5 appendices.

German Institute of Building Technology
13

((Seite 2))

Page 2 of general building authority approval no. Z-33.47-673 from the 29th March 2006

I. GENERAL PROVISIONS

1 The general building authority approval is the evidence of the usability of the object of the certificate in terms of the German state building regulations.

2 The general building authority approval does not replace statutory permissions, consents and certificates required in order to carry out building projects.

3 The general building authority approval is issued without prejudice to the rights of third parties, particularly private proprietary rights.

4 Manufacturers and distributors of the object of the certificate, without prejudice to the provisions of the "Special Regulations" shall provide the user of the object of the certificate with copies of the general building authority approval and shall refer to the fact that the general building authority approval must be present at the point of use. On request, participating authorities shall be provided with copies of the general building authority approval.

5 The general building authority approval may be reproduced only in its entirety. Excerpts may be published only with the consent of the Deutsche Institut für Bautechnik. Texts and drawings used in advertising copy may not contradict the general building authority approval. Translations of the general building authority approval shall include the note "Translation of the German original document not checked by the Deutsche Institut für Bautechnik".

6 The general building authority approval may be revoked. The provisions of the general building authority approval may be retrospectively amended and changed, particularly if new technical knowledge requires change.