Declaration of Performance

According to regulation (EU) No. 305/2011 – Bau PVO
DoP / Ref. No. 130701-041-01

(1) Unique identification code of the product type:

THERMO HEMP COMBI JUTE

(2) Type, batch or serial number or any other element for identification of the building product according to article 11, paragraph 4:

Please see product label

(3) Fields of application:

Cavity insulation of the internal and external walls in timber frame and comparable constructions (WH, WTR), Insulation of external walls between a support structure (WI), Insulation between the rafters and beams as well as in cavities corresponding construction, cavity insulation between sleepers in the floor and comparable substructure (DZ), Interior insulation of ceiling and roof, e.g. insulation under the supporting structure (e.g. rafters), suspended ceiling (DI)

(4) Manufacturer:

HempFlax Building Solutions GmbH; Industriestraße 2; 86720 Nördlingen, Germany

(5) System of assessment and verification of constancy of performance:

System 3

(6) European Assessment Document: EAD No. 040005-00-1201

European technical approval: ETA – 05/0037 of 2nd November 2018

Notified body: Initial assessment of the building product by the Leipzig Material Research and Testing Institute for the building sector mbH – MFPA Leipzig GmbH (Notified Body number: 0800)

(7) Declared Performance:

Essential characteristics	Performance	Harmonised technical specification
Dimensional deviation of nominal length and width	Length ± 2 %, Width ± 1.5 %	EN 822:2013
Dimensional deviation of nominal thickness	- 4mm and +10 mm/ + 10%, T3 according to EN 13171:2012	EN 823:2013
Dimensional deviation perpendicularity	$S_b \leq 5$ mm/m	EN 824:2013
Dimensional deviation evenness	$S_{max} \leq 6$ mm	EN 825:2013
Tensile strength parallel to the mat plane	≥ 30 kPa	EN1608:2013
Nominal thermal conductivity $\lambda_{D(23,50)}$ Category II	0.039 W / (m · K)	EN 12667:2001
Conversion factor of moisture content	$F_{m1} = 1.03$ $F_{m2} = 1.08$	EN ISO 10456:2007 + AC:2009
Fire behaviour	Class E according to EN 13501-1:2007 + A1:2009	EN ISO 11925-2:2010
Resistance against mould fungus	0 according to EN ISO 846:1997	EAD, annex B
Water vapour diffusion resistance coefficient μ	1 to 2	EN 12086:2013
Bulk Density	35 to 40 kg/m³	EN 1602:2013

The performance of the product THERMO HEMP COMBI JUTE is in conformity with the declared performance.
For the drawing up of the declaration of performance in accordance with declaration (EU) No. 305/2011 the manufacturer mentioned above solely is responsible.

Signed for the manufacturer and on behalf of the manufacturer:

Lucas Mark Reinders, CEO, Nördlingen, June 1st 2020

Created: 13 April 2017
Revised: 1 June 2020