JUTA

CE

1020

DECLARATION OF PERFORMANCE

Code: JT040, JT050, JT060, JT070, JT080, JT090, JT100, JT120, JT140, JT150, JT160

1. Unique identification code of the product-type:

DÄMM FLACHS 40, DÄMM FLACHS 50, DÄMM FLACHS 60, DÄMM FLACHS 70, DÄMM FLACHS 80, DÄMM FLACHS 90, DÄMM FLACHS 100, DÄMM FLACHS 120, DÄMM FLACHS 140, DÄMM FLACHS 150, DÄMM FLACHS 160

2. Type, batch or serial number or any other element allowing identification of the construction products required pursuant to Article 11(4)

See item 1. (stated on packaging of the product)

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

DÄMM FLACHS is intended to be used for buildings as insulation of walls, ceilings, floors, roofs, between rafters and timber work.
The insulation products are not intended to be used for external applications.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)

JUTA a.s., Dukelská 417, 544 15 Dvůr Králové nad Labem, Česká republika
Tel.: +420 499 209 211
www.juta.cz

5. Name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

not listed

6. System or systems of assessment and verification of constancy of performance of theconstruction product:

According to the decision 1999/91/EC of the European Commission as amended by Commission Decision 2001/596/EC of 08.01.2001, the AVCP **system 3** (further described in clause 1.4. of Annex V, to Regulation (EU) No 305/2011) applies.

7. Declaration of performance concerning a construction product covered by a harmonised standard:

not relevant

8. Declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

EAD - European Assessment Document 040005-00-1201 from June 2015
issued by ETA - European Technical Assessment 15/0153 of 31. December 2020
Technical Assessment Body – Technical and Test Institute for Construction Prague

9. Declared performance:

Table No. 1: Basic characteristics of the product:

No	Essential characteristic and method of verification/assessment	Expression of product performance
Basic Works Requirement 1: Mechanical resistance and stability		
Not relevant		
Basic Works Requirement 2: Safety in case of fire		
1	**Reaction to fire** (EN 13501-1)	Class E
Basic Works Requirement 3: Hygiene, health and environment		
2	**Biological resistance (growth of mould fungus)** (Annex B of EAD 040005-00-1201, EN ISO 846)	Level 1
Basic Works Requirement 4: Safety and accessibility in use		
Not relevant		
Basic Works Requirement 5: Protection against noise		
Not relevant		
Basic Works Requirement 6: Energy economy and heat retention		
3	**Thermal conductivity*** (EN ISO 10456, Annex A of EAD 040005-00-1201)	
	$\lambda_{D,\ 23,50}$ Category 1 [W/m.K]]	0.0387
	$\lambda_{D,\ 10,dry,90/90}$ Category 1 [W/m.K]]	0.0379
	$\lambda_{D,\ 23,50}$ Category 2 [W/m.K]]	0.0393
	$\lambda_{D,\ dry,limit}$ Category 2 [W/m.K]]	0.0384
	$\lambda_{10,\ dry}$[W/m.K]]	0.0359
	$\lambda_{10,\ dry,\ 90/90}$[W/m.K]]	0.0379
	$\lambda_{10(23,50)}$ [W/m.K]]	0.0368
	$\lambda_{10(23,80)}$ [W/m.K]]	0,0379
	mass-related moisture content: $u_{23,50}$ $u_{23,80}$	 0.033 0.050
	mass-related moisture conversion factors: $f_{u,1}$ $f_{u,2}$	 0.67 1.85
	moisture conversion factors: F_{m1} F_{m2}	 1.05*** 1.06***
4	**Water vapour diffusion resistance** μ***) (EN 12086, method C)	≤ 2.2

5	**Water absorption** (EN 1609, method A	≤ 3 kg/m^2
6	**Geometry****) - **width** (EN 822) - **thickness** (EN 823) - **length**	 ±1.5 % T2 (according to EN 13171) No performance assessed *Note: According to EN 13171 there is no upper limit for length of mats.*
7	**Density****) (EN 1602)	32 kg/m^3 tolerance: ±10%
8	**Dimensional stability under specified and humidity** **) (EN 1604) **a)(70±2)°C, RH (90±5)%, 48 hours** $\Delta\varepsilon_l$ $\Delta\varepsilon_b$ $\Delta\varepsilon_d$ **a)(70±2)°C, 48 hours** $\Delta\varepsilon_l$ $\Delta\varepsilon_b$ $\Delta\varepsilon_d$	 ≤ 3% ≤ 3% ≤ 3% *Note: According to EN 13171 level DS(70,90)3* ≤ 3% ≤ 3% ≤ 3% *Note: According to EN 13171 level DS(70,-)3*
9	**Tensile strength parallel to faces** **) (EN 1608)	≥ 10 kPa

*) In addition to the specific clauses realing to dangerous substances contained in this European Technical Assessment, there may be other requirements applicable to the products falling within its scope (e.g.transposed European legislation and national laws, regulations and administrative provisions). In order to meet the provisions of the Construction Products directive, these requirements need also to be complied with, when and where thex apply.

**) This chacteristic relates to BWR5

***) This moisture conversion factor was determined witout testing according to art.2.2.9. of the EAD

10. The performance of the product identified in points 1 and 2 is in conformity with the declared Performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

This product does not contain any dangerous substances and is in accordance with COMMISSION REGULATION (EU) 2015/830.

Signed for and on behalf of the manufacturer by:

Ing. Jiří Hlavatý

Chairman of the board

Ve Dvoře Králové nad Labem / In Dvůr Králové nad Labem, 01.01.2022