

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

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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 the construction 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
<b>Basic Works Requirement 1: Mechanical resistance and stability</b>		
Not relevant		
<b>Basic Works Requirement 2: Safety in case of fire</b>		
1	<b>Reaction to fire</b> (EN 13501-1)	Class E
<b>Basic Works Requirement 3: Hygiene, health and environment</b>		
2	<b>Biological resistance (growth of mould fungus)</b> (Annex B of EAD 040005-00-1201, EN ISO 846)	No performance assessed
<b>Basic Works Requirement 4: Safety and accessibility in use</b>		
Not relevant		
<b>Basic Works Requirement 5: Protection against noise</b>		
Not relevant		
<b>Basic Works Requirement 6: Energy economy and heat retention</b>		
3	<b>Thermal conductivity*</b> (EN ISO 10456, Annex A of EAD 040005-00-1201)	
	$\lambda_{D, 23,50}$ Category 1 [ W/m.K]]	0.0395
	$\lambda_{D, 10,dry,90/90}$ Category 1 [ W/m.K]]	0.0370
	$\lambda_{D, 23,50}$ Category 2 [ W/m.K]]	0.0388
	$\lambda_{D, dry,limit}$ Category 2 [ W/m.K]]	0.0364
	$\lambda_{10, dry}$ [ W/m.K]]	0.0350
	$\lambda_{10, dry, 90/90}$ [ W/m.K]]	0.0370
	$\lambda_{10(23,50)}$ [ W/m.K]]	0.0373
	$\lambda_{10(23,80)}$ [ W/m.K]]	0.0440
	<b>mass-related moisture content:</b>	
	$U_{23,50}$	0.061
	$U_{23,80}$	0.120
	<b>mass-related moisture conversion factors:</b>	
$f_{u,1}$	1.036	
$f_{u,2}$	2.856	
<b>moisture conversion factors:</b>		
$F_{m1}$	1.05***	
$F_{m2}$	1.06***	
4	<b>Water vapour diffusion resistance <math>\mu^{***}</math></b> (EN 12086, method C)	$\leq 2.9$

5	<b>Water absorption</b> (EN 1609, method A)	$\leq 2 \text{ kg/m}^2$
6	<b>Geometry**)</b> - <b>width</b> (EN 822) - <b>thickness</b> (EN 823) - <b>length</b>	$\pm 1.5 \%$ T2 (according to EN 13171) No performance assessed <i>Note: According to EN 13171 there is no upper limit for length of mats.</i>
7	<b>Density**)</b> (EN 1602)	$32 \text{ kg/m}^3$ tolerance: $\pm 10\%$
8	<b>Dimensional stability under specified and humidity **)</b> (EN 1604)  <b>a)(70<math>\pm</math>2)<math>^{\circ}</math>C, 48 hours</b> $\Delta \mathcal{E}_i$ $\Delta \mathcal{E}_b$ $\Delta \mathcal{E}_d$	$\leq 3\%$ $\leq 3\%$ $\leq 3\%$ <i>Note: According to EN 13171 level DS(70,-)3</i>
9	<b>Tensile strength parallel to faces **)</b> (EN 1608)	$\geq 15 \text{ kPa}$

\*) In addition to the specific clauses relating 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 they apply.

\*\*\*) This characteristic relates to BWR5

\*\*\*\*) This moisture conversion factor was determined without 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