

DECLARATION OF PERFORMANCE (acc. EU 305/2011, Annex V)

No. DOP 005-001-17

1. Unique identification code of the product-type:

UdiTHERM NF WF-EN 13171 - T4 - CS(10/Y)50 - TR2,5 - WS2,0 - AF100

2. Type, batch, or serial number or any other element allowing identification of the construction product as required under Article 11 (4) of the CPR:

see product label

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

Thermal insulation for the buildings

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

**UdiDÄMMSYSTEME GmbH, Oberfrohaer Straße 2, 09117 Chemnitz, Germany
eMail:info@udidaemmsysteme.de**

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

not relevant

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Notified certification body No.0432 MPA Nordrhein-Westfalen performed the determination of the product type on basis of type testing and type calculation

8. If the construction project is directed by an European technical evaluation:

not relevant

9. Declared performances

Essential characteristics		Performance	Harmonised technical specification
Reaction on fire	4.2.6 reaction on fire	Klasse E	EN 13171:2012 + A1:2015
Release of dangerous substances to the indoor environment	4.3.15 release of dangerous substances	NPD (No Performance Determined)	
Acoustic absorption index	4.3.12 Sound absorption	NPD	
Impact noise transmission index (for floors)	4.3.10 Dynamic stiffness	NPD	
	4.3.11.1 Thickness d_L	NPD	
	4.3.11.3 Compressibility	NPD	
	4.3.13 Air flow resistivity	Af _r 100	
Direct airborne sound insulation index	4.3.13 Air flow resistivity	Af _r 100	
Continuous glowing combustion	4.3.17 Continuous glowing combustion	NPD	

FIRMENSITZ

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GESCHÄFTSFÜHRUNG

Anka Unger
HRB 30875
Ust.-ID.-Nr.: DE 310 743 696
Steuer-Nr.: 215/121/07696
Gerichtsstand ist Chemnitz

BANKVERBINDUNGEN

Sparkasse Chemnitz
IBAN DE47 8705 0000 0710 0543 19
BIC/SWIFT CHEKDE81XXX

Essential characteristics		Performance	Harmonised technical specification
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	λ_D 0,038 W/mK	EN 13171:2012 + A1:2015
	4.2.1 Diathermancy resistance	$R_D = 1,05 - 2,60$ m ² K/W	
	4.2.3 Thickness	see product label	
	4.2.3 Thickness class	T4	
Water permeability	4.3.8 short term water absorption	WS2,0	
Water vapour permeability	4.3.9 Water vapour transmission	NPD	
Compressive strenght	4.3.3 Compressive stress or compressive strenght	CS(10/Y)50	
	4.3.6 Point load	NPD	
Durability of reation on fire against heat, weathering, ageing / degradation	4.2.7 durability characteristics	NPD	
Durability of thermal resistance against heat, weathering, ageing / degradation	4.2.1 Thermal resistance and thermal conductivity	λ_D 0,038 W/mK $R_D = 1,05 - 2,60$ m ² K/W	
	4.3.2 Durability characteristics	NPD	
	4.3.2.2 Dimensional stability	NPD	
	4.3.2.2 Dimensional stability under specific temperature	NPD	
	4.2.7 Dimensional stability under specific temperature and moisture	NPD	
Tensile / Flexural strength	4.3.5 Tensile strength perpendicular to faces	NPD	
	4.3.4 Tensile strength parallel to faces	TR2,5	
Durability of compressive strength against ageing / degradation	4.3.7 Compressive creep	NPD	

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Dipl.-Ing. Bernd Unger
 Research / developpement



ppa. Robby Fitzner
 Authorized officer // Head of application technology

Chemnitz, 15.05.2017
 place and date of issue

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