

DECLARATION OF PERFORMANCE

According to annex III of the regulation (EU) No. 305/2011

No. LK_1607_FK_1

1. Unique identification code of the product-type:

FK, FKA

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

See packaging/delivery note

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

Suspended ceiling components for use internally in buildings

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

DIPLING-Werk GmbH; Königsberger Straße 21; 35410 Hungen
Tel: +49-6402/52580, Fax +49-6402/7585; info@dipling.de, www.dipling.de

5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 3

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

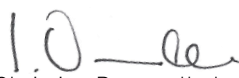
VHT Versuchsanstalt für Holz- und Trockenbau NB 1503
has performed the initial assessment of the Bearing capacity according to EN 13964:2007-02 and has documented it in report No. 604-08/KP4,8-KRV and 604-08/KP4,8-NH.

7. Declared performance

Essential characteristics	Declared performance	Harmonised technical specification
Reaction to fire	A1	EN 13964:2014-08
Sound absorption	See annex 1	
Flexural strength	See annex 2	
Asbestos	No content	
Formaldehyde	No content	
Other hazardous substances	No content	
Durability	B	
Bearing capacity	See annex 2	

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Hungen, 31.08.2016


Christian Demmelhuber
Managing Director

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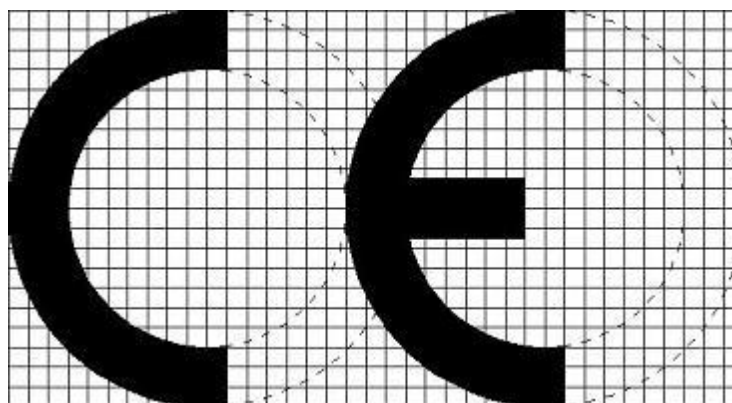
Bank Sparkasse Laubach - Hungen
BIC HELADEF1LAU
IBAN DE55 5135 2227 0001 0163 44

Annex 1

Perforation	DIN- Designation	Sound absorption	Absorber class
Rg 0,7-1%	Rg 0.70-6,00	$\alpha_w = 0,40$ (LM)	D
Rg 0,7-4%	Rg 0.70-3,00	$\alpha_w = 0,75$	C
Rg 1,5-11%	Rg 1,50-40	$\alpha_w = 0,75$	C
Rd 1,5-22%	Rd 1,50-2,83	$\alpha_w = 0,70$	C
Rv 1,6-20%	Rv 1,60-3,50	$\alpha_w = 0,80$	B
Rd 1,8-10%	Rd 1,80-4,95	$\alpha_w = 0,75$	C
Rg 1,8-10%	Rg 1,80-4,95	$\alpha_w = 0,75$	C
Rg 1,8-20%	Rg 1,80-3,57	$\alpha_w = 0,75$	C
Rd 1,8-21%	Rd 1,80-3,50	$\alpha_w = 0,75$	C
Rd 2,5-8%	Rd 2,50-7,80	$\alpha_w = 0,75$	C
Rg 2,5-16%	Rg 2,50-5,50	$\alpha_w = 0,80$	B
Rv 2,5-23%	Rv 2,50-5,00	$\alpha_w = 0,75$ (L)	C
Rd 3,0-11%	Rd 3,00-7,92	$\alpha_w = 0,75$	C
Rv 3,0-20%	Rv 3,00-6,35	$\alpha_w = 0,75$ (L)	C
Rg 3,0-20%	Rg 3,00-6,00	$\alpha_w = 0,75$ (L)	C
Rg 4,0-17%	Rg 4,00-8,60	$\alpha_w = 0,80$	B
Rd 4,0-33%	Rd 4,00-6,10	$\alpha_w = 0,80$	B
Qg 4,0-33%	Qg 4,00-7,00	$\alpha_w = 0,80$	B
Rg 14,0-23%	Rg 14,0-26,00	$\alpha_w = 0,75$ (L)	C



Annex 3



Dipling Werk GmbH
Königsberger Straße 21; 35410 Hungen

EN 13964:2014-08

Kit substructure to be mounted indoors

<u>Ceiling system:</u>	FK, FKA		
Dimensions panel:	max. length [mm]:	625	max. width [mm]: 625
Material panel:	steel		min. thickness [mm]: 0,6
Perforation:	see annex 1		
Fleece:	Soundtex Typ C 1986 SP or without fleece		
Reaction to fire:	A1		
Release of asbestos:	no content		
Release of formaldehyde	no content		
Content other pollutants:	no content		
Flexural strength:	class 1/A/2N		
Sound absorption:	see annex 1		
Durability:	Class B		

<u>Suspension system:</u>	Nonius- or direct suspension
Variant:	-
Height / dimensions:	100 – 3000 mm
Bearing capacity suspension wire:	640N
Bearing capacity suspension key:	470N
Bearing capacity system:	470N
Material:	steel
Reaction to fire:	A1
Content other contaminants:	no content
Durability:	class B

