

DECLARATION OF PERFORMANCE

KCS 5.01.1

Unique identification code of the product-type:

KT 5.01 (See table 1)

Intended use/es:

Suspended ceiling membrane component (EN 13964) and ceiling and wall cladding (EN 13168) for internal use

Manufacturer:

Knauf Ceiling Solutions GmbH & Co. KG, Elsenthal 15, 94481 Grafenau, Germany

Harmonised standard:

EN 13964:2014; EN 13168:2012+A1:2015

Approved Body

1121, 2657

Declared performance

Essential characteristics		Performance	*
Reaction to fire		A2-s1, d0	1
Release of formaldehyde		E1	3
Sound absorption	α_w	See table 1	4
Thermal conductivity	λ_D (W/mK)	0,100	4
Thermal resistance	(m ² ·K/W)	See table 1	4
Durability		NPD	
Susceptibility to the growth of harmful micro-organisms		NPD	
Release and/or content of other dangerous substances		NPD	
Flexural tensile strength		NPD	
Bond strength/adhesion		NPD	

* = System/s of AVCP

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above. Signed for and on behalf of the manufacturer by:



Andreas Schiedeck

Director Research and Development

Knauf Ceiling Solutions GmbH & Co. KG

Grafenau, 18.12.2023 (v.2)

First issued: 08.04.2022

Table 1

Product Name	Sound absorption	Thermal resistance
	α_w	(m ² ·K/W)
HERADESIGN Fine A2 (15 mm)	0,30 (MH)	0,15
HERADESIGN Fine A2 (25 mm)	0.50(LH)	0,25
HERADESIGN Superfine A2 (15 mm)	0,35 (MH)	0,15
HERADESIGN Superfine A2 (25 mm)	0,65	0,25



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Manufacturer:

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Harmonised standard:

EN 13964:2014; EN 13168:2012+A1:2015

Notified Body/ies:

0797, 2657

Declared performance

Essential characteristics		Performance	*
Reaction to fire		A2-s1, d0	1
Release of formaldehyde		E1	3
Sound absorption	α_w	See table 1	4
Thermal conductivity	λ_D (W/mK)	0,100	4
Thermal resistance	(m ² ·K/W)	See table 1	4
Durability		NPD	
Susceptibility to the growth of harmful micro-organisms		NPD	
Release and/or content of other dangerous substances		NPD	
Flexural tensile strength		NPD	
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HERADESIGN Fine A2 (15 mm)	0,30 (MH)	0,15
HERADESIGN Fine A2 (25 mm)	0.50(LH)	0,25
HERADESIGN Superfine A2 (15 mm)	0,35 (MH)	0,15
HERADESIGN Superfine A2 (25 mm)	0,65	0,25
HERADESIGN Fine A2 Alpha+ (15 mm)	0.60(L)	0,15
HERADESIGN Fine A2 Alpha+ (25 mm)	0,75	0,250
HERADESIGN Superfine A2 Alpha+ (15 mm)	0,75	0,150
HERADESIGN Superfine A2 Alpha+ (25 mm)	0,80	0,250
HERADESIGN Corridor Fine A2	0.60(LH)	0,250
HERADESIGN Corridor Superfine A2	0,65	0,250