

DECLARATION OF PERFORMANCE

KCS 5.04.1

Unique identification code of the product-type:

KT 5.04 (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		B-s1, d0	1
Release of formaldehyde		E1	3
Sound absorption	α_w	See table 1	4
Thermal conductivity	λ_D (W/mK)	NPD	
Thermal resistance	($m^2 \cdot K/W$)	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

Table 1

Product Name	Sound absorption	Thermal resistance
	α_w	($m^2 \cdot K/W$)
HERADESIGN Macro Plus (50 mm)	0.70(L)	0,9
HERADESIGN Macro Plus (65 mm)	0.70(L)	1,3
HERADESIGN Fine Plus (40 mm)	0.75(L)	0,8
HERADESIGN Fine Plus (40 mm)	0.85(L)	0,9
HERADESIGN Fine Plus (50 mm)	0.85(L)	0,9
HERADESIGN Fine Plus (55 mm)	0.75(L)	1,15
HERADESIGN Fine Plus (65 mm)	0,85	1,3
HERADESIGN Superfine Plus (40 mm)	0,90	0,8
HERADESIGN Superfine Plus (50 mm)	0,95	0,9
HERADESIGN Superfine Plus (55 mm)	0,95	1,15
HERADESIGN Superfine Plus (65 mm)	0,95	1,3
HERADESIGN Micro Plus (50 mm)	0.30(L)	0,9
HERADESIGN Micro Plus (65 mm)	0.30(L)	1,35
HERADESIGN Plano Plus (55 mm)	0.40(L)	0,9
HERADESIGN Plano Plus (65 mm)	0.35(L)	1,35



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

Notified Body/ies:

0797, 2657

Declared performance

Essential characteristics		Performance	*
Reaction to fire		B-s1, d0	1
Release of formaldehyde		E1	3
Sound absorption	α_w	See table 1	4
Thermal conductivity	λ_D (W/mK)	NPD	
Thermal resistance	($m^2 \cdot K/W$)	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	

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HERADESIGN Plano Plus (55 mm)	0.40(L)	0,9
HERADESIGN Plano Plus (65 mm)	0.35(L)	1,35