



DECLARATION OF PERFORMANCE

KCS 2.02.3

Unique identification code of the product-type

KT 2.02 METAL (See table 1)

Intended use/es

Suspended ceiling membrane component for internal use

Manufacturer

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

Harmonised standard

EN 13964:2014

Notified Body/ies:

0761, 2657

Declared performance

Essential characteristics	Performances	Systems of AVCP
Reaction to fire	A2-s1, d0	1
Durability	B	4
Sound absorption	See table 2	4
Release of formaldehyde	E1	3
Thermal conductivity	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	

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:

ppa. Andreas Schiedeck
Director Research and Development
Knauf Ceiling Solutions GmbH & Co. KG



Table 1

Base material	Colour	Perforation	Acoustic treatment	Gasket	Rear cover
Steel or aluminium	BioGuard	Unperforated	No	No	No
	Wood Effect	Unperforated	No	Yes	
		Perforated ≤ 4%	Acoustic fleece VLSRX		
	RAL / NCS	Perforated ≤ 4%	Acoustic fleece VLSRX		
		Perforated ≤ 22%	Acoustic infill Alpha 15		
		Perforated ≤ 65%	No		
			Premium OP15		
			Premium B17		
Acoustic pad AMPKX					

Table 2

Perforation	Acoustic treatment	Sound absorption α_w
Unperforated	Premium OP15	0.15(L)
	Premium B17	0.20
Rg 0501	No	0.40(LM)
Rg 0701	No	0.40
	Acoustic fleece VLSRX	0.65(LM)
	Acoustic infill Alpha 15 (15 mm x ≈110 kg/m ³)	0.55(L)
	Premium OP15	0.60(L)
	Premium B17	0.60
Rg 0704	No	0.30
	Acoustic fleece VLSRX	0.80(L)
	Acoustic infill Alpha 15 (15 mm x ≈110 kg/m ³)	0.80
	Premium OP15	0.80
	Premium B17	0.75
Rd 1506	Acoustic infill Alpha 15 (15 mm x ≈110 kg/m ³)	0.75
Rg 1511	Acoustic infill Alpha 15 (15 mm x ≈110 kg/m ³)	0.85
Rd 1511	Acoustic infill Alpha 15 (15 mm x ≈110 kg/m ³)	0.85
Rd 1522	No	0.15
	Acoustic infill Alpha 15 (15 mm x ≈110 kg/m ³)	0.95
	Premium OP15	0.90
	Premium B17	0.70(H)
	Acoustic pad AMPKX (20 mm x 45 kg/m ³)	1.00
Rg 1821	Acoustic infill Alpha 15 (15 mm x ≈110 kg/m ³)	0.90
Rg 2516	No	0.15
	Acoustic infill Alpha 15 (15 mm x ≈110 kg/m ³)	0.90
	Premium OP15	0.90
	Premium B17	0.65(H)
	Acoustic pad AMPKX (20 mm x 45 kg/m ³)	1.00
Rg 3013	Acoustic infill Alpha 15 (15 mm x ≈110 kg/m ³)	0.80(L)
Rd 3013	Acoustic infill Alpha 15 (15 mm x ≈110 kg/m ³)	0.80(L)
Rg 4022	Acoustic infill Alpha 15 (15 mm x ≈110 kg/m ³)	0.85
Rg 25020	Acoustic infill Alpha 15 (15 mm x ≈110 kg/m ³)	0.65(L)
Lg 42003	Acoustic fleece VLSRX	0.60(L)