

DECLARATION OF PERFORMANCE

KCS 1.05.1

Unique identification code of the product-type:

KT 1.05 (See table 1)

Intended use/es:

Suspended ceiling membrane component for internal use

Manufacturer:

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

Harmonised standard:

EN 13964:2014

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)	See table 1	4
Durability		See table 1	4
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, 13.05.2024 (v.5)

Table 1

Product Name	Sound absorption	Thermal conductivity	Durability
	α_w	λ_D (W/mK)	
AMF THERMATEX Acoustic (19 mm, Board)	0.65(H)	0,060	C
AMF THERMATEX Acoustic (19 mm, Tegular 24)	0.65(H)	0,060	C
AMF THERMATEX Acoustic (19 mm, Tegular 24/90)	0.65(H)	0,060	C
AMF THERMATEX Acoustic (19 mm, Tegular 15)	0.65(H)	0,060	C
AMF THERMATEX Acoustic (19 mm, Tegular 15/90)	0.65(H)	0,060	C
AMF THERMATEX Acoustic (19 mm, SL2 / Tegular 15/90)	0.65(H)	0,060	C
AMF THERMATEX Acoustic (24 mm, Vector)	0.65(H)	0,075	C
AMF THERMATEX Acoustic (19 mm, SL2)	0.65(H)	0,060	C
AMF THERMATEX Acoustic (19 mm, Finesse)	0.65(H)	0,060	C
AMF THERMATEX Alpha	0,95	0,040	C
AMF THERMATEX Alpha HD	0,90	0,060	C
AMF THERMATEX Alpha Colour (19 mm, Board)	0,95	0,040	C
AMF THERMATEX Alpha Colour (19 mm, Board)	1,00	0,040	C
AMF THERMATEX Alpha One	1,00	0,040	C
Antaris	0,90	0,040	C
Antaris C	0,70	0,060	B
AMF THERMATEX Aquatec	0,90	0,060	C
AMF THERMATEX dB Acoustic	0.65(H)	0,075	C
AMF THERMATEX Thermofon	0.80(H)	0,040	C
AMF THERMATEX Thermofon Colour	0.80(H)	0,040	C



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Suspended ceiling membrane component for internal use

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

Harmonised standard:

EN 13964:2014

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)	See table 1	4
Durability		See table 1	4
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

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Andreas Schiedeck

Director Research and Development

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Grafenau, 13.05.2024 (v.5)


Table 1

Product Name	Sound absorption	Thermal conductivity	Durability
	α_w	λ_D (W/mK)	
HYGENA Acoustic 15mm	0.80(H)	0,040	C
MEDIGUARD Acoustic	0.65 (H)	0,060	C
HYGENA Alpha	0,95	0,040	C
MEDIGUARD Alpha	0,95	0,040	C
HYGENA Aquatec	0,90	0,060	C
HYGENA Aquatec 15 mm	0.65 (H)	0,06	
ADAGIO Acoustic+	0.65(H)	0,060	C
ADAGIO HD+	0,90	0,060	C
ADAGIO Alpha+	1,00	0,040	C
ADAGIO dB+	0.65(H)	0,040	C
Armstrong Perla*	0.65(H)	0,060	C
Armstrong Perla dB*	0.60(H)	0,075	C
Armstrong Perla OP 0.95*	0,95	0,040	C
Armstrong Perla OP 19mm*	0,90	0,060	C
Armstrong Perla OP 1.00*	1,00	0,040	C
AMF THERMATEX Acoustic (19 mm, Board)	0.65(H)	0,060	C
AMF THERMATEX Acoustic (19 mm, Tegular 24)	0.65(H)	0,060	C
AMF THERMATEX Acoustic (19 mm, Tegular 24/90)	0.65(H)	0,060	C
AMF THERMATEX Acoustic (19 mm, Tegular 15)	0.65(H)	0,060	C
AMF THERMATEX Acoustic (19 mm, Tegular 15/90)	0.65(H)	0,060	C
AMF THERMATEX Acoustic (19 mm, SL2 / Tegular 15/90)	0.65(H)	0,060	C
AMF THERMATEX Acoustic (24 mm, Vector)	0.65(H)	0,075	C
AMF THERMATEX Acoustic (19 mm, SL2)	0.65(H)	0,060	C
AMF THERMATEX Acoustic (19 mm, Finesse)	0.65(H)	0,060	C
AMF THERMATEX Acoustic RL	0.15(L)	0,060	C
AMF THERMATEX Alpha	0,95	0,040	C
AMF THERMATEX Alpha HD	0,90	0,060	C
AMF THERMATEX Alpha Colour (19 mm, Board)	0,95	0,040	C
AMF THERMATEX Alpha Colour (19 mm, Board)	1,00	0,040	C
AMF THERMATEX Alpha One	1,00	0,040	C
Antaris	0,90	0,040	C
Antaris C	0,70	0,060	B
AMF THERMATEX Aquatec	0,90	0,060	C
AMF THERMATEX dB Acoustic	0.65(H)	0,075	C
AMF THERMATEX Thermofon	0.80(H)	0,040	C
AMF THERMATEX Thermofon Colour	0.80(H)	0,040	C

*Knauf Ceiling Solutions can't place this product on the market in Austria, Estonia, Germany, Ireland, Italy, Latvia, Lithuania, Spain, Portugal, Turkey and the United Kingdom.