

DECLARATION OF PERFORMANCE

KCS 1.03.1

Unique identification code of the product-type:

KT 1.03 (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)	0,060	4
Durability		A	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, 10.05.2024 (v.5)

Table 1

Product Name	Sound absorption
	α_w
AMF Ecomin Filigran	0,55
AMF Ecomin Orbit	0.20(L)
AMF Ecomin Orbit Micro.	0,50
AMF Ecomin Planet	0,55
AMF Ecomin Trento	0,55



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Suspended ceiling membrane component for internal use

Manufacturer:

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)	0,060	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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**Table 1**

Product Name	Sound absorption	Durability
	α_w	
Armstrong Bajkal 90RH*	0,45	B
Armstrong Retail*	0.15(L)	B
Armstrong Savanna*	0.15(L)	B
Armstrong Scala*	0,50	A
Armstrong Scalacoustic*	0,55	B
AMF Ecomin Filigran	0,55	A
AMF Ecomin Orbit	0.20(L)	A
AMF Ecomin Orbit 14	0.20(L)	A
AMF Ecomin Orbit Micro.	0,50	A
AMF Ecomin Orbit Micro. 14	0,50	A
AMF Ecomin Planet	0,55	A
AMF Ecomin Trento	0,55	A

*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.