KNAUF

Armstrong RETAIL



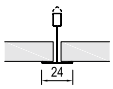


Armstrong RETAIL offers a smooth, unperforated contemporary visual that provides energy savings due to its high level of light reflectance

- Excellent light reflectance (87%)
- Ideal for retail environments

Build on us.

Armstrong RETAIL

Characteristics	Detailed information
Edge details Additional edge details on request	**Board** 
Thickness (mm)	12
Dimensions (mm)	600 x 600 1200 x 600
System	Exposed demountable - System C
Weight	**3.1 kg / m²**
Colour	White
Sound absorption	EN ISO 354 — α_w = **0.15(L)** as per EN ISO 11654 - **Class E**

Frequency f (Hz)	**125**	**250**	**500**	**1000**	**2000**	**4000**
α_p	0.30	0.25	0.15	0.10	0.10	0.30

NRC = **0.15** as per ASTM C 423

Sound attenuation	EN ISO 10848-2 $D_{n,f,w}$ = **31 dB** as per EN ISO 717-1 — CAC = **31 dB** as per ASTM E 413-10
Fire reaction	Euroclass **A2-s1, d0** as per EN 13501-1
Light reflectance	**85%**
Thermal conductivity	λ = **0.060 W/mk** as per EN 12667
Humidity resistance	**90% RH**
Indoor air quality	A+ E1
Cleanability	
Sustainability	21.8 www.blauer-engel.de/uz132

Product availability may vary from country to country. Please contact your local sales representative.
For further information and legal notice, please visit www.knauf.com

CE

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DECLARATION OF PERFORMANCE

KCS 1.03.2

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, Elsenthal 15, 94481 Grafenau, Germany

Harmonised standard:

EN 13964:2014

Notified Body/ies:

0797, 2657

Declared performance EN 13964:2014

Essential characteristics		Performance	System/s of AVCP:
Reaction to fire		See table 1	1
Release of formaldehyde		E1	3
Sound absorption	*aw*	See table 1	4
Thermal conductivity	*λD (W/mK)*	0.06	4
Durability		See table 1	4
Susceptibility to the growth of harmful micro-organisms, as dampness		NPD	
Susceptibility to the growth of harmful micro-organisms, through thermal insulation		NPD	
Release and/or content of other dangerous substances		NPD	
Flexural tensile strength		NPD	
Bond strength/adhesion, as resistance to fixings		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 R&D
Knauf Ceiling Solutions GmbH & Co. KG

Table 1

Product Name	Reaction to fire	Sound absorption (αw)	Durability
ECOMIN Filigran	A2-s1, d0	0.55	A
ECOMIN Orbit	A2-s1, d0	0.20 (L)	A
ECOMIN Orbit Micro.	A2-s1, d0	0.50	A
ECOMIN Planet	A2-s1, d0	0.55	A
ECOMIN Trento	A2-s1, d0	0.55	A
MINERIQ Filigran 13mm	A2-s1, d0	0.55	A
MINERIQ Orbit 13mm	A2-s1, d0	0.20 (L)	A
MINERIQ Orbit Micro. 13mm	A2-s1, d0	0.50	A
MINERIQ Planet 13mm	A2-s1, d0	0.55	A
MINERIQ Trento 13mm	A2-s1, d0	0.55	A
RETAIL	A2-s1, d0	0.20 (L)	B
SAVANNA	A2-s1, d0	0.20 (L)	B
SCALA	B-s2, d0	0.60	A