

DECLARATION OF PERFORMANCE

KCS 1.50.1

1. Unique identification code of the product-type:

KT 1.50 (Class A2-s1,d0 Ultima+ laminated wet felt mineral fibre membrane components)

2. Intended use/es:

Suspended ceiling membrane component for use internally in buildings

3. Manufacturer:

**Knauf Ceiling Solutions GmbH & Co. KG; Elsenthal 15, 94481 Grafenau, Germany
+49 8552 422 - 0, +49 8552 422 - 331, info@knaufamf.de**

4. Authorised representative:

Not applicable.

5. System/s of AVCP:

System 1: Reaction to fire

System 4: - Sound absorption

System 3: Release of formaldehyde

- Thermal conductivity

- Durability

6a. Harmonised standard:

EN 13964:2014

Notified body/ies:

TUM Holzforschung München - NB 0797

6b. European Assessment Document:

Not applicable.

7. Declared performance/s:

Essential characteristics	Declared performance	Harmonised technical specification
Reaction to fire	A2-s1,d0	EN 13964:2014
Release of formaldehyde	E1	
Sound absorption	→ Appendix 1	
Thermal conductivity	→ Appendix 1	
Durability	Class C	

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

Not applicable.

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:

Director Research & Development

Elsenthal, 21.05.2021



ppa. Andreas Schiedeck

Appendix 1

Product type		Sound absorption (E200)	Thermal conductivity
Ultima+ Acoustic	19 mm	$\alpha_W = 0,65$ (H)	$\lambda_D = 0,060$
Ultima+ Alpha	20 mm	$\alpha_W = 1,00$	$\lambda_D = 0,040$
Ultima+ HD	19 mm	$\alpha_W = 0,90$	$\lambda_D = 0,060$
Ultima+ HD	30 mm	$\alpha_W = 0,90$	$\lambda_D = 0,060$
Ultima+ HD	35 mm	$\alpha_W = 0,90$	$\lambda_D = 0,060$
Ultima+ dB Acoustic	19 mm	$\alpha_W = 0,65$ (H)	$\lambda_D = 0,060$
Ultima+ dB Acoustic	24 mm	$\alpha_W = 0,65$ (H)	$\lambda_D = 0,060$