

## DECLARATION OF PERFORMANCE

KCS 1.04.1

## Unique identification code of the product-type:

KT 1.04 (See table 1)

## Intended use/es:

Suspended ceiling membrane component for internal use

## Manufacturer:

Knauf Ceiling Solutions GmbH &amp; 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                                        | $\alpha_w$         | See table 1 | 4 |
| Thermal conductivity                                    | $\lambda_D$ (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

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 &amp; Co. KG

Grafenau, 10.05.2024 (v.4)

Table 1

| Product Name                                       | Sound absorption | Durability |
|----------------------------------------------------|------------------|------------|
|                                                    | $\alpha_w$       |            |
| Plain                                              | 0.20(L)          | C          |
| AMF THERMATEX Feinfresko                           | 0.60(H)          | B          |
| AMF THERMATEX Feinstratos                          | 0,20             | C          |
| AMF THERMATEX Feinstratos Micro.                   | 0,60             | C          |
| AMF THERMATEX Feinstratos Micro. Complete          | 0,70             | C          |
| AMF THERMATEX Fresko                               | 0.60(H)          | B          |
| AMF THERMATEX Mercure                              | 0,60             | C          |
| AMF THERMATEX Mercure Complete (15 mm, Board)      | 0,70             | C          |
| AMF THERMATEX Mercure Complete (19 mm, Tegular 24) | 0,75             | C          |
| AMF THERMATEX Mercure Complete (15 mm, Tegular 24) | 0,70             | C          |
| AMF THERMATEX Mercure Complete (15 mm, Tegular 15) | 0,70             | C          |
| Schlicht                                           | 0.20(L)          | C          |
| Star                                               | 0,60             | C          |
| Star Complete                                      | 0,70             | C          |
| AMF THERMATEX Star (Scala Retail)                  | 0,60             | C          |
| AMF THERMATEX UNO - Feinstratos Micro.             | 0,55             | B          |
| AMF THERMATEX UNO - Star                           | 0,55             | B          |
| AMF THERMATEX UNO - Vlies                          | 0,55             | B          |



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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                                        | $\alpha_w$         | See table 1 | 4 |
| Thermal conductivity                                    | $\lambda_D$ (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 |
|----------------------------------------------------|------------------|------------|
|                                                    | $\alpha_w$       |            |
| HYGENA Plain                                       | 0.20(L)          | C          |
| HYGENA Schlicht                                    | 0.20(L)          | C          |
| MEDIGUARD Plain                                    | 0.20(L)          | C          |
| Armstrong Cortega*                                 | 0.55(H)          | A          |
| Armstrong Dune Max*                                | 0,70             | B          |
| Armstrong Dune Supreme*                            | 0,55             | NPD        |
| Armstrong FERIA*                                   | 0,50             | B          |
| Armstrong Fine Fissured*                           | 0.60(H)          | C          |
| Plain                                              | 0.20(L)          | C          |
| Armstrong Sahara*                                  | 0,60             | C          |
| Armstrong Tatra*                                   | 0.55(H)          | A          |
| AMF THERMATEX Feinfresko                           | 0.60(H)          | B          |
| AMF THERMATEX Feinstratos                          | 0,20             | C          |
| AMF THERMATEX Feinstratos Micro.                   | 0,60             | C          |
| AMF THERMATEX Feinstratos Micro. Complete          | 0,70             | C          |
| AMF THERMATEX Fresko                               | 0.60(H)          | B          |
| AMF THERMATEX Mercure                              | 0,60             | C          |
| AMF THERMATEX Mercure Complete (15 mm, Board)      | 0,70             | C          |
| AMF THERMATEX Mercure Complete (19 mm, Tegular 24) | 0,75             | C          |
| AMF THERMATEX Mercure Complete (15 mm, Tegular 24) | 0,70             | C          |
| AMF THERMATEX Mercure Complete (15 mm, Tegular 15) | 0,70             | C          |
| Schlicht                                           | 0.20(L)          | C          |
| Star                                               | 0,60             | C          |
| Star Complete                                      | 0,70             | C          |
| AMF THERMATEX Star (Scala Retail)                  | 0,60             | C          |
| AMF THERMATEX UNO - Feinstratos Micro.             | 0,55             | B          |
| AMF THERMATEX UNO - Star                           | 0,55             | B          |
| AMF THERMATEX UNO - Vlies                          | 0,55             | B          |

\*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.