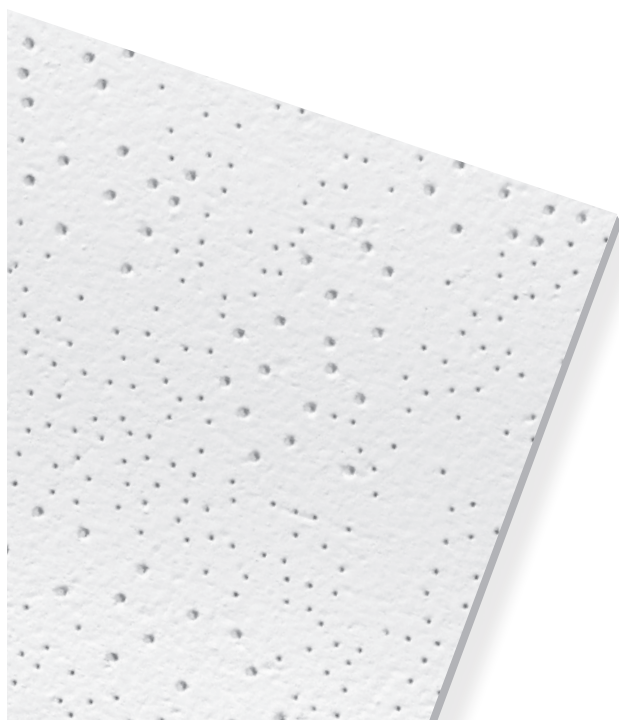


## THERMATEX® Star Hygena



THERMATEX® ceiling tiles are made of modern, bio-soluble mineral wool, perlite, clay and starch with excellent outstanding physical properties in fire resistance and acoustic performance. Additionally, thanks to good sound absorption, the ceiling panel shows excellent acoustic features, which makes it a perfect solution for areas with strict hygiene requirements.

### SYSTEM

- C** Exposed Grid System, demountable ceiling
- F** Free span system, with exposed or concealed suspension
- I** Bandrastrer system, with exposed or concealed suspension
- A** Concealed system, panels demountable / non demountable

### Dimensions

- 600 x 600 mm, 625 x 625 mm, plank sizes available on request**

### Please note

- The minimum quantities according to the price list!**

### Thickness / Weight

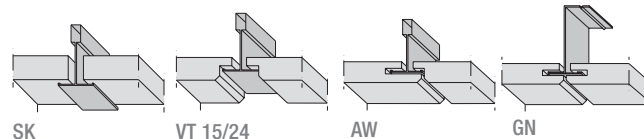
- 15 mm (c. 4.0 kg/m²)**
- 19 mm (c. 5.3 kg/m²)**

### Colour

- White similar to RAL 9010**

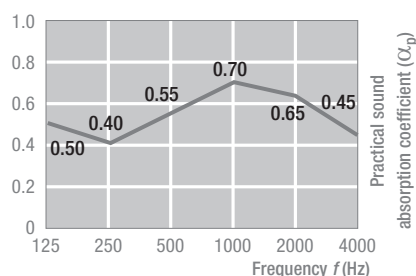
### Edge details

- SK, VT 15/24, AW, GN**



## TECHNICAL PERFORMANCE

- Building material class** **A2-s1, d0 as per EN 13501-1**
- Fire resistance** **F30 - F120 as per DIN 4102 part 2 (as per test certificate)**  
**REI30 - REI120 per EN 13501 part 2 (as per test certificate)**
- Sound absorption** **EN ISO 354**  
 **$\alpha_w = 0.60$  as per EN ISO 11654**  
 **$NRC = 0.60$  as per ASTM C 423**
- Sound attenuation**  **$D_{n,f,w} = 34$  dB as per EN ISO 10848**  
**(15 mm thickness, according to test certificate)**
- Sound insulation**  **$R_w = 21$  dB as per EN ISO 10848**
- Light reflectance** **Up to 90%**
- Thermal conductivity**  **$\lambda = 0.052 - 0.057$  W/mK as per DIN 52612**
- Humidity** **Up to 95% RH**
- Air permeability** **PM1 (30 m³/hm²) as per DIN 18177**
- Hygiene** **anti-microbial treatment against bacteria and fungi**



Due to reproduction processes colours shown in this catalogue may differ from the actual product colour. Product selection should always be made from AMF samples. All details and technical information stated in this brochure or other publicity material referring to AMF ceiling systems are based on test reports obtained under laboratory conditions. It is the responsibility of the customer to ensure that this data is suitable for the proposed application. All information provided is based on current technical data. Further relevant test reports, assessments and installation guidelines are available. All system details conform with current standards and are based on the use of AMF products and system components. AMF accepts no liability or responsibility for use of third party components, or for any variations to conditions stipulated in test data. Mixing of production batches is not recommended. All technical data is subject to change without prior notice and is governed by AMF Terms and Conditions of Sales. This catalogue supersedes all previous editions. Errors and omissions excepted. Printing errors excepted.

### Hygiene



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