

THERMATEX Star

■ Ceiling tiles are made-up of modern, bio-soluble mineral wool, perlites, clay and starch with excellent outstanding physical properties in fire resistance and acoustic performance.

SYSTEM

- **C** Exposed Grid System, demountable ceiling
- **F** Free span system, with exposed or concealed suspension
- **I** Bandraster system, with exposed or concealed suspension
- **A** Ceancealed system, panels demountable / not demountable

Dimensions

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

Thickness / Weight

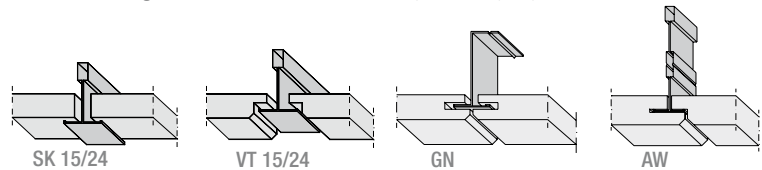
- 15 mm (c. 4.5 kg/m²)
- 19 mm (c. 5.7 kg/m²)
- 40 mm (c. 12 kg/m²)

Colour

- White similar to RAL 9010

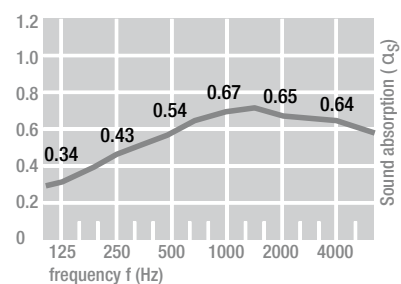
Edge details

- SK, VT 15/24, AW, GN



TECHNICAL PERFORMANCE

- Reaction to fire ■ A2-s1, d0 as per EN 13501-1
- Fire protection ■ Up to 60 minutes as per BS 476: parts 20 - 23
- Sound absorption ■ $\alpha_w = 0.65$ as per EN ISO 11654
NRC = 0.55 as per ASTM C 423-01
- Sound attenuation ■ $D_{n,c,w} = 34$ dB as per EN 20140-9 (15 mm thickness)
- Thermal conductivity ■ $\lambda = 0.052 - 0.057$ W/mK as per DIN 52612
- Humidity ■ Up to 95 % RH



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All information provided is current technical data. All relevant test reports, assessments and installation guidelines are to be considered. All system details conform with current technology and are based on the use and compatibility of AMF products and system components used in both internal and external tests. AMF accepts no liability or responsibility for use of third party components, or for any variations to conditions stipulated in test data. We recommend not to mix production batches on jobs.

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