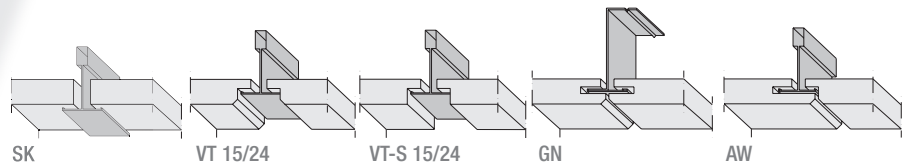


THERMATEX dB Acoustic (thickness 24 mm)



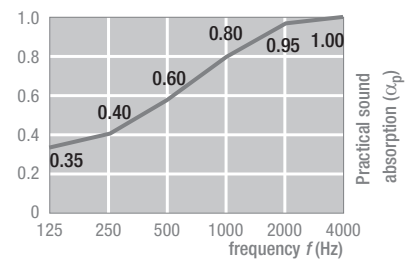
■ THERMATEX dB Acoustic is the ideal solution for high sound attenuation requirements. Additionally good levels of sound absorption are achieved and the white unperforated surface creates an excellent appearance. The combination of high density, bio-soluble mineral wool with clay and starch provides excellent physical characteristics, particularly for acoustic performance.

- | | |
|--------------------|---|
| SYSTEM | <ul style="list-style-type: none"> ■ C Exposed Grid System, demountable ceiling ■ F Free span system, with exposed or concealed suspension ■ I Bandraster system, with exposed or concealed suspension |
| Dimensions | <ul style="list-style-type: none"> ■ 600 x 600 mm, 625 x 625 mm, plank sizes available on request |
| Thickness / Weight | <ul style="list-style-type: none"> ■ 24 mm (c. 8.4 kg/m²) |
| Colour | <ul style="list-style-type: none"> ■ White similar to RAL 9010 |
| Edge details | <ul style="list-style-type: none"> ■ SK, VT 15/24, VT-S 15/24, AW/SK, GN/SK |



TECHNICAL PERFORMANCE

- | | |
|-------------------------|---|
| Building material class | ■ A2-s1, d0 as per EN 13501-1 |
| Fire protection | ■ REI 30 - REI 90 as per EN 13501-2 (according to test certificate) |
| Sound absorption | <ul style="list-style-type: none"> ■ EN ISO 354 ■ $\alpha_W = 0.65(H)$ as per EN ISO 11654 ■ $NRC = 0.70$ as per ASTM C 423 |
| Sound attenuation | <ul style="list-style-type: none"> ■ $D_{n,c,w} = 41$ dB as per EN 20140-9 (24 mm thickness, according to test certificate) ■ $D_{n,c,w} = 43$ dB as per EN 20140-9 (semi-concealed planks) (according to test certificate) |
| Light reflectance | ■ up to 88% |
| Thermal conductivity | ■ $\lambda = 0.052 - 0.057$ W/mK as per DIN 52612 |
| Humidity | ■ Up to 95% RH |



Knauf AMF GmbH & Co. KG
 Elsenthal 15
 D-94481 Grafenau, Germany
 Phone +49 (0) 8552 / 422-0 - Fax +49 (0) 8552 / 422-32
 info@knaufamf.de - www.amfceilings.com

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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.

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