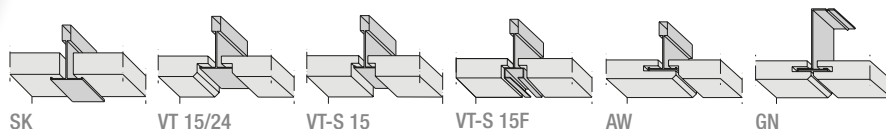
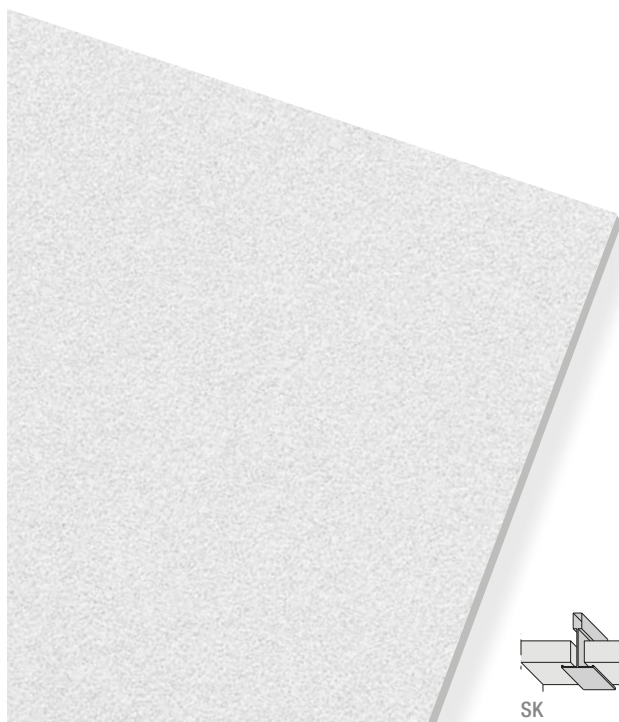




THERMATEX® Acoustic

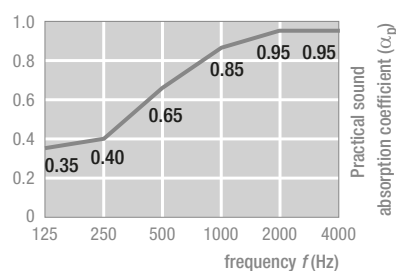
THERMATEX® Acoustic is a 19 mm thick ceiling tile made from a special perforated mineral board with an acoustic fleece facing. The perforations provide excellent sound absorption while the fleece offers a smooth, elegant surface finish. The combination of high density, bio-soluble mineral wool with clay 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 A Concealed system, panels demountable / non demountable
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"> ■ 19 mm (c. 4.6 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, VT-S 15F, AW, GN

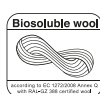


TECHNICAL PERFORMANCE

Building material class	<ul style="list-style-type: none"> ■ A2-s1, d0 as per EN 13501-1 Class A as per ASTM E1264 (tested according to ASTM E84)
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"> ■ $D_{n,f,w} = 38$ dB as per EN ISO 10848 (19 mm thickness, according to test certificates)
Light reflectance	<ul style="list-style-type: none"> ■ up to 88%
Thermal conductivity	<ul style="list-style-type: none"> ■ $\lambda = 0.052 - 0.057$ W/mK as per DIN 52612
Air permeability	<ul style="list-style-type: none"> ■ PM1 (30 m³/hm²) as per DIN 18177
Humidity	<ul style="list-style-type: none"> ■ Up to 95% RH
Clean Room	<ul style="list-style-type: none"> ■ Class 4 as per ISO 14644-1



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