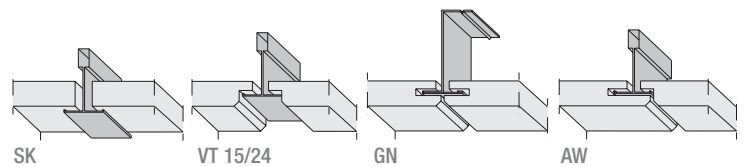


THERMATEX Plain

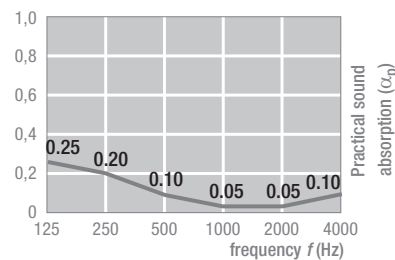
THERMATEX ceiling tiles are made of modern, bio-soluble mineral wool, perlite, clay and starch with excellent outstanding physical properties in fire resistance and acoustic performance.

SYSTEM	<ul style="list-style-type: none"> 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	<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"> 15 mm (c. 4.5 kg/m²) 19 mm (c. 5.7 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, AW, GN



TECHNICAL PERFORMANCE

Reaction to fire	<ul style="list-style-type: none"> A2-s1, d0 as per EN 13501-1
Fire protection	<ul style="list-style-type: none"> Up to 60 minutes as per BS 476: parts 20 - 23 (according to test certificate)
Sound absorption	<ul style="list-style-type: none"> EN ISO 354 $\alpha_{w} = 0.10(L)$ as per EN ISO 11654 $NRC = 0.10$ as per ASTM C 423
Sound attenuation	<ul style="list-style-type: none"> $D_{n,c,w} = 34$ dB as per EN 20140-9 (15 mm thickness, according to test certificate)
Light reflectance	<ul style="list-style-type: none"> Up to 92%
Thermal conductivity	<ul style="list-style-type: none"> $\lambda = 0.052 - 0.057$ W/mK as per DIN 52612
Humidity	<ul style="list-style-type: none"> Up to 95% RH
Clean room classification	<ul style="list-style-type: none"> ISO - Class 4 (as per ISO 14644-1)



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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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