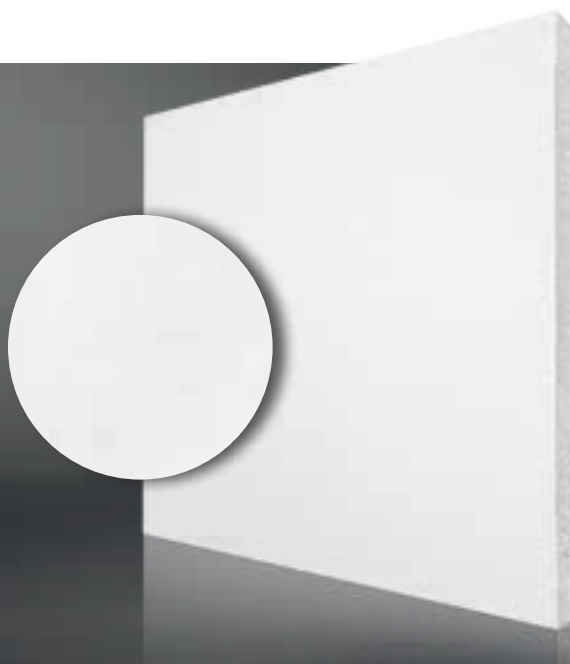


THERMATEX[®] Alpha

$NRC = 0.90$ $\alpha_w = 0.95$

THERMATEX[®] Alpha is a fleece-coated, highly absorbing acoustic tile. The class A sound absorber fulfils high acoustic requirements as well as important physical properties in fire protection and hygiene. The sophisticated product design enables uncomplicated handling and installation. The high quality acoustic fleece also gives an elegant optic.

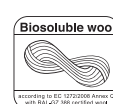
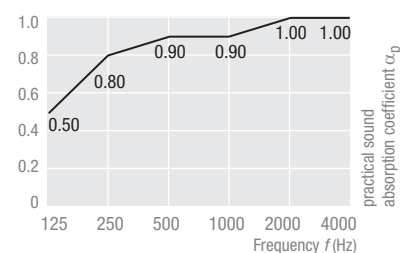


Technical Properties

Building material class	A2-s1, d0 as per EN 13501-1
Fire resistance	F30 - F90 as per DIN 4102 part 2 (as per test certificate) REI30 - REI90 per EN 13501 part 2 (as per test certificate)
Sound absorption	EN ISO 354 $\alpha_w = 0.95$ as per EN ISO 11654 $NRC = 0.90$ as per ASTM C 423
Sound attenuation	$D_{n,f,w} = 28$ dB as per EN ISO 10848 (19 mm thickness, as per test certificate)
Humidity resistance	up to 95% relative humidity
Light reflection	for white similar to RAL 9010 glare-free approx. 88%
Thermal conductivity	$\lambda = 0.040$ W/mK as per EN 12667
Air permeability	PM1 (≤ 30 m ³ /hm ²) as per DIN 18177
Clean room classification	class 4 as per ISO 14644-1
Colour	white similar to RAL 9010

System **C** Exposed system, tiles demountable

Sound absorption values



Available sizes and edges	Thickness/weight 19 mm (approx. 3.3 kg/m ²)		
	System C		
	SK	VT-S 15/24	VT-S 15F
Please note minimum quantities and lead times			
600 x 600 mm	•	•	•
625 x 625 mm	•	•	•
600 x 1200 mm	•	•	•
625 x 1250 mm	•	•	•