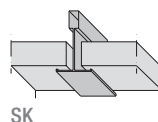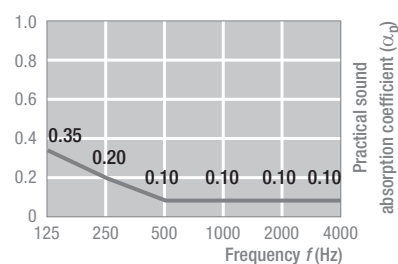# THERMATEX® Thermaclean S

■ THERMATEX® Thermaclean S is a mineral tile that meets the highest hygiene requirements. The mineral tile is laminated with a white vinyl foil, which in addition to practical handling, also guarantees a subtle, elegant optic.

SYSTEM	**C** Exposed Grid System, demountable ceiling
Dimensions	■ 600 x 600 mm, 625 x 625 mm
Please note	■ The minimum quantities according to the price list!
Thickness / Weight	■ 15 mm (c. 4.0 kg/m²)
Colour	■ S-white
Edge details	■ SK

SK

TECHNICAL PERFORMANCE

Building material class	■ A2-s3, d0 as per EN 13501-1
Fire resistance	■ F30 as per DIN 4102 part 2 (as per test certificate)
	REI30 per EN 13501 part 2 (as per test certificate)
Sound absorption	■ EN ISO 354
	α_W = 0.10(L) as per EN ISO 11654
	NRC = 0.15 as per ASTM C 423
Sound attenuation	■ $D_{n,f,w}$ = 34 dB as per EN ISO 10848
	CAC = 35 dB as per ASTM E413
	(15 mm thickness, according to test certificate)
Light reflectance	■ Up to 81%
Thermal conductivity	■ λ = 0.052 - 0.057 W/mK as per DIN 52612
Humidity	■ Up to 95% RH
Air permeability	■ PM1 (≤ 30 m³/hm²) as per DIN 18177
Hygiene	■ prevents bacteria and fungi
Clean room classification	■ class 4 as per ISO 14644-1

Practical sound absorption coefficient (α_p) vs Frequency f (Hz):
0.35, 0.20, 0.10, 0.10, 0.10, 0.10 at 125, 250, 500, 1000, 2000, 4000 Hz

ISO 9001 AMF ISO 14001

Biosoluble wool
according to EC 1272/2008 Annex Q with RAL-GZ 388 certified wool