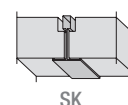


## THERMATEX® Alpha HD 30 mm



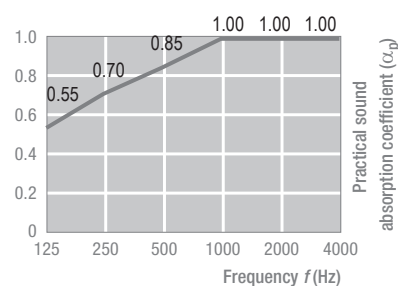
■ THERMATEX® Alpha HD 30 mm is the ideal solution for high sound attenuation requirements. Additionally good levels of sound absorption are achieved and the white unperforated surface creates an excellent appearance. The combination of high density, bio-soluble mineral wool with clay and starch provides excellent physical characteristics, particularly for acoustic performance.

SYSTEM	■ Exposed Grid System, demountable ceiling
Dimensions	■ 600 x 1200 mm further sizes available on request
Thickness / Weight	■ 30 mm (c. 8.2 kg/m <sup>2</sup> )
Colour	■ White similar to RAL 9010
Edge details	■ SK



### TECHNICAL PERFORMANCE

Building material class	■ A2-s1,d0 as per EN 13501-1
Sound absorption	■ <i>NRC</i> = 0.9 as per ASTM C 423
Sound attenuation	■ <i>CAC</i> = 40 dB as per ASTM E413-10 (30mm) (30 mm thickness, according to test certificate)
Light reflectance	■ up to 88%
Thermal conductivity	■ $\lambda$ = 0.052 - 0.057 W/mK as per DIN 52612 PM1
Air permeability	■ ( $\leq 30$ m <sup>3</sup> /hm <sup>2</sup> ) as per DIN 18177
Humidity	■ up to 95% RH
Fire rating	■ Group 1S



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