

More scope for innovation

## **THERMATEX Alpha black**



THERMATEX Alpha black was developed especially for cinema theatres or night clubs, amongst other, applications. With its black fleece facing, it not only creates an elegant look but also fulfils the highest acoustic requirements.





## **TECHNICAL PERFORMANCE**

Building material class	A2-s1,d0 as per BS EN 13501-1	
Fire Protection	REI 30 - REI 90 as per EN 13501-2 (according to test certificate)	
Sound absorption	EN ISO 354 $\alpha_{\rm W} = 1.00$ as per BS EN ISO 11654 <i>NRC</i> = 0.90 as per ASTM C 423 1.0 0.8 0.6	0.80 0.00 1.00 0.00 0.00 0.00 0.00 0.00
Sound attenuation	$D_{n,f,w} = 28 \text{ dB as per EN 10848}$ (19 mm thickness, according to test report) $0.4$	2 Practical absorption coe
Light reflectance	3.8%	250 500 1000 2000 4000 frequency f (Hz)
Thermal conductivity	$\lambda$ = 0.040 W/mK as per EN 12667	
Humidity	Up to 95% RH	





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