

THERMATEX® Aquatec

100%
RH

THERMATEX® Aquatec is the optimum solution for rooms with high humidity. Due to its special composition it is humidity resistant up to 100% RH. This means it is permanently form stable, even with constant humidity and temperatures from 0 to 40°C. In addition, it also displays excellent sound absorption performance. Its washable surface and discreet, high quality design make it the ideal solution for hygiene areas.

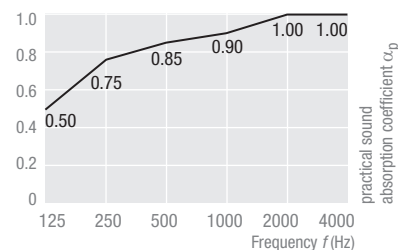


Technical Properties

Building material class	A2-s1, d0 as per EN 13501-1
Fire resistance	F30 - F120 as per DIN 4102 part 2 (as per test certificate) REI30 - REI120 per EN 13501 part 2 (as per test certificate)
Sound absorption	EN ISO 354 $\alpha_w = 0.90$ 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 100% relative humidity
Light reflection	for white similar to RAL 9010 glare-free approx. 88%
Thermal conductivity	$\lambda = 0.040$ W/mK as per DIN EN 12667
Air permeability	PM1 (≤ 30 m ³ /hm ²) as per DIN 18177
Indoor air	Indoor Air Comfort GOLD Status
Clean room classification	class 3 as per ISO 14644-1
Colour	white similar to RAL 9010

System **A** Concealed system, tiles demountable
System **C** Exposed system, tiles demountable

Sound absorption values



Available sizes and edges	Thickness/weight 19 mm (approx. 5.2 kg/m ²)		
	System C		System A
	SK	VT-S 15/24	AW/GN
Please note minimum quantities and lead times			
600 x 600 mm	•	•	•
625 x 625 mm	•	•	•