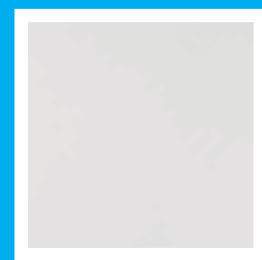




KNAUFCEILING
Solutions

ARMSTRONG THERMATEX®Aquatec Hygena



- THERMATEX® Aquatec hygena is the ideal solution for high humidity areas of up to 100% RH. It offers excellent sound absorption, and its washable, high quality design makes it the ideal solution for hygiene and healthcare environments. The surface is washable and anti-microbial(resistant to the growth of germs,bacteria and fungi)
- Good sound absorption(NRC 0.90)
- Excellent reflectance (88%)
- Ideal for healthcare environments, laboratories, treatment rooms, intensive care units,locker rooms or shower areas.



ARMSTRONG THERMATEX® Aquatec Hygena

Edge details		Board 														
Thickness (mm)		19														
Dimensions (mm)		600 x 600 600 x 1200														
Weight		4.7 kg/m ²														
Colour		White														
Sound attenuation		EN ISO 10848-2 D _{n,f,w} = 29 dB as per EN ISO 717-1														
Sound absorption		α_w = 0.90 as per EN ISO 11654:1997 <table><tr><th>Frequency f (HZ)</th><th>125</th><th>250</th><th>500</th><th>1000</th><th>2000</th><th>4000</th></tr><tr><td>α_s</td><td>0.62</td><td>0.73</td><td>0.87</td><td>0.90</td><td>1.03</td><td>1.05</td></tr></table> NRC = 0.90 as per ASTM C423	Frequency f (HZ)	125	250	500	1000	2000	4000	α_s	0.62	0.73	0.87	0.90	1.03	1.05
Frequency f (HZ)	125	250	500	1000	2000	4000										
α_s	0.62	0.73	0.87	0.90	1.03	1.05										
Fire reaction		Euroclass A2-s1,do as per EN 13501-1; Class A (China standard - GB/T 14402);														
Light reflectance		88%														
Thermal conductivity		λ = 0.060 W/m K as per EN 12667														
Humidity resistance		100%RH														
Clean room		ISO 3 as per EN ISO 14644-1														
Indoor air quality	 A+ E1 IACG															
Cleanability	 Washable with diluted detergent Wipeable with a moist cloth Wipeable with a dry cloth Anti microbial performance High pressure water spray															
Sustainability	 35% Recycled Content Biolytic wool															

