

# Hydroboard ( $\leq 100\%$ RH)



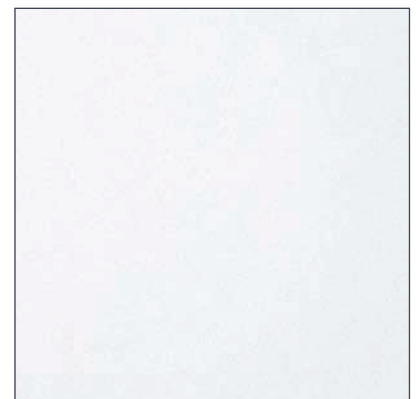
Hydroboard can resist permanent RH up to 95% and temporary conditions of up to 100% RH. Install with Armstrong Prelude 24 Corrosive Resistant grid system for higher humidity areas.


















## KEY FEATURES

- Stable at humidity levels of up to 100% RH
- Can be installed in temperatures ranging from 0°C to 40°C
- High acoustic absorption up to  $0.95 \alpha_w$

## APPLICATION AREAS

Appropriate for toilets, shower areas and hydrotherapy rooms and should be installed on Corrosive Resistant grid.



EDGE DETAIL	BOARD	TEGULAR 90	MICROLOOK 90																																													
																																																
<b>THICKNESS (MM)</b>	15	15	15																																													
<b>MODULES (MM)</b>	600 x 600 ..... 3687M 1200 x 600 ..... 3688M	600 x 600 ..... 3689M	600 x 600 ..... 3691M																																													
<b>SUSPENSION SYSTEMS</b>	Prelude 24 Corrosive Resistant TLS	Prelude 24 XL <sup>2</sup> / TLS Prelude 24 Corrosive Resistant Prelude 24 Sixty <sup>2</sup> XL <sup>2</sup> / TLS	Prelude 15 TL / XL <sup>2</sup> Interlude HRC XL <sup>2</sup> Silhouette XL <sup>2</sup>																																													
<b>COLOURS</b>	 Global White																																															
<b>SUSTAINABILITY</b>	 20		 A	 E1																																												
<b>ACOUSTICS</b>	 <table border="1"> <thead> <tr> <th rowspan="2"></th> <th rowspan="2">D<sub>nfw</sub></th> <th rowspan="2">α<sub>w</sub></th> <th rowspan="2">Class</th> <th rowspan="2">NRC</th> <th colspan="6">Hz α<sub>p</sub></th> </tr> <tr> <th>125</th> <th>250</th> <th>500</th> <th>1000</th> <th>2000</th> <th>4000</th> </tr> </thead> <tbody> <tr> <td>Board</td> <td>22 dB</td> <td>0.95</td> <td>A</td> <td>0.90</td> <td>0.35</td> <td>0.80</td> <td>1.00</td> <td>0.85</td> <td>1.00</td> <td>1.00</td> </tr> <tr> <td>Tegular 90, MicroLook 90</td> <td>22 dB</td> <td>0.90</td> <td>A</td> <td>0.85</td> <td>0.40</td> <td>0.75</td> <td>0.85</td> <td>0.85</td> <td>0.95</td> <td>0.95</td> </tr> </tbody> </table>										D <sub>nfw</sub>	α <sub>w</sub>	Class	NRC	Hz α <sub>p</sub>						125	250	500	1000	2000	4000	Board	22 dB	0.95	A	0.90	0.35	0.80	1.00	0.85	1.00	1.00	Tegular 90, MicroLook 90	22 dB	0.90	A	0.85	0.40	0.75	0.85	0.85	0.95	0.95
	D <sub>nfw</sub>	α <sub>w</sub>	Class	NRC	Hz α <sub>p</sub>																																											
					125	250	500	1000	2000	4000																																						
Board	22 dB	0.95	A	0.90	0.35	0.80	1.00	0.85	1.00	1.00																																						
Tegular 90, MicroLook 90	22 dB	0.90	A	0.85	0.40	0.75	0.85	0.85	0.95	0.95																																						
<b>FIRE REACTION</b>	 EEA Euroclass A1 EN 13501-1																																															
<b>OTHER PERFORMANCES &amp; FEATURES</b>	 82%	 ≤100% RH		 30 YEAR SYSTEM GUARANTEE	 BIM READY	 λ = 0.033 W/m K EN 12667 & ISO 8301	 1.2 kg/m <sup>2</sup> (Board) 2.5 kg/m <sup>2</sup> (Tegular 90, MicroLook 90)	