



## NEWTONE (100% RH)

NEWTONE is a hydrated calcium silicate ceiling tile offering 100% RH performance and is suitable for use in areas subject to extremes of humidity and temperature.

### Key features




















- 100% RH resistance
- Suitable for extreme temperatures and high humidity conditions
- Resistant to damage

### Application areas

Ideal for spas and water parks.

LEISURE - Swimming Pool  
NEWTONE



<b>EDGE DETAIL</b>	<b>BOARD</b>																																											
<b>THICKNESS (mm)</b>	6																																											
<b>MODULES (mm)</b>	600 x 600 . . . . . 1201M																																											
<b>SUSPENSION SYSTEMS</b>	Prelude 24 XL <sup>2</sup> / TL <sup>2</sup> Prelude 24 Corrosive Resistant <sup>1</sup> Clean Room 24																																											
<b>COLOURS</b>	 Global White																																											
<b>SUSTAINABILITY</b>	 30			 A+			 E1																																					
<b>ACOUSTICS</b>	<table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="2">  EN ISO 354 &amp; EN ISO 11654                 </th> <th colspan="2">  EN ISO 10848-2 &amp; EN ISO 717-1                 </th> <th colspan="7">Hz <math>\alpha_p</math></th> </tr> <tr> <th><math>\alpha_w</math></th> <th><math>D_{nfw}</math></th> <th>Class</th> <th>NRC</th> <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>0.10(L)</td> <td>37 dB</td> <td>-</td> <td>0.10</td> <td>0.25</td> <td>0.15</td> <td>0.10</td> <td>0.10</td> <td>0.10</td> <td>0.05</td> </tr> </tbody> </table>												 EN ISO 354 & EN ISO 11654		 EN ISO 10848-2 & EN ISO 717-1		Hz $\alpha_p$							$\alpha_w$	$D_{nfw}$	Class	NRC	125	250	500	1000	2000	4000	Board	0.10(L)	37 dB	-	0.10	0.25	0.15	0.10	0.10	0.10	0.05
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<b>FIRE REACTION</b>		EEA Euroclass A2-s1, d0 EN 13501-1				RUS KMO (NG) FZ 123																																						
<b>OTHER PERFORMANCES &amp; FEATURES</b>	 84%	 100% RH	 $\approx 8.0 \text{ kg/m}^2$					<b>30 YEAR</b> system guarantee	<b>BIM</b> READY																																			
<b>CUSTOM OPTIONS</b>	 Dimensions																																											
<sup>1</sup> In all environments where humidity conditions could regularly reach and/or exceed 90% RH we recommend the use of our Prelude 24 Corrosive Resistant grid and associated accessories.																																												