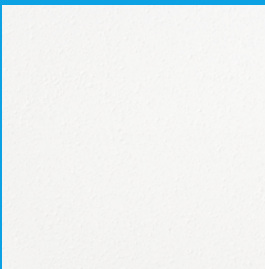


# ***KNAUF***

## ***Armstrong NEWTONE***



© BoysPlayNice

Armstrong 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

- High sound attenuation (37 dB)
- Ideal for spas and water parks

## ***Build on us.***

Characteristics	Detailed information															
Edge details Additional edge details on request		<b>Board</b> 														
Thickness (mm)		6														
Dimensions (mm)		600 x 600														
System		Exposed demountable - System C														
Weight		<b>8.0 kg / m<sup>2</sup></b>														
Colour		 White														
Sound absorption		EN ISO 354 $\alpha_w = \mathbf{0.10(L)}$ as per EN ISO 11654 - <b>Class N/A</b> <table border="1"> <thead> <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> </thead> <tbody> <tr> <td><math>\alpha_p</math></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> NRC = <b>0.10</b> as per ASTM C 423	Frequency f (Hz)	125	250	500	1000	2000	4000	$\alpha_p$	0.25	0.15	0.10	0.10	0.10	0.05
Frequency f (Hz)	125	250	500	1000	2000	4000										
$\alpha_p$	0.25	0.15	0.10	0.10	0.10	0.05										
Sound attenuation		EN ISO 10848-2 $D_{n,f,w} = \mathbf{37 dB}$ as per EN ISO 717-1														
Fire reaction		Euroclass <b>A1</b> as per EN 13501-1														
Light reflectance		<b>84%</b>														
Humidity resistance		<b>100% RH</b>														
Indoor air quality		 A+     E1     IACG														
Cleanability																

In all environments where humidity conditions could regularly reach and/or exceed 90% RH we recommend the use of 24mm corrosive resistant grid and associated accessories.