



**KNAUF**CEILING  
Solutions

# ARMSTRONG SCHOOL ZONE SMART®



- Armstrong SCHOOL ZONE SMART provides an excellent sound absorption solution through effective shorten reverberation time (RT), then improve speech intelligibility
- Good sound absorption NRC 0.60
- Excellent light reflectance (85%)
- Ideal for healthcare environments



# ARMSTRONG SCHOOL ZONE SMART®

<b>Edge details</b>		Board 	Tegular 24 	Tegular 15 BE 														
<b>Thickness (mm)</b>		15	15	15														
<b>Dimensions (mm)</b>		600 x 600	600 x 600	600 x 600														
<b>System</b>		PeakForm 888 Prelude XL 32	PeakForm 888 Select	Select PeakForm Suprafine XI														
<b>Weight</b>		<b>3.19</b> kg/m <sup>2</sup> (0.66 lbs/SF)																
<b>Colour</b>		White																
<b>Sound attenuation</b>		CAC = <b>33</b>																
<b>Sound absorption</b>		$\alpha_w = \mathbf{0.55}$ as per EN ISO 11654:1997 <b>Class D</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>as</td> <td>0.38</td> <td>0.30</td> <td>0.51</td> <td>0.84</td> <td>0.75</td> <td>0.71</td> </tr> </tbody> </table> NRC = <b>0.60</b> as per ASTM C423-17			Frequency f (HZ)	125	250	500	1000	2000	4000	as	0.38	0.30	0.51	0.84	0.75	0.71
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<b>Fire reaction</b>		US: <b>Class A</b> - Flame Spread 25 or Under; <b>Class 0 / Class 1</b> based on BS 476 Pt - 6 & 7; <b>Class A</b> (China standard - GB/T 14402)																
<b>Light reflectance</b>		<b>85%</b>																
<b>Thermal conductivity</b>		R Factor - <b>1.50</b> (BTU units) R Factor - <b>0.26</b> (Watts units)																
<b>Humidity resistance</b>		<b>RH95</b>																
<b>Sustainability</b>	Recycled Content 36%                      China Green Product Label                      Member of China GBC                      LEED Quality for LEED Credits																	

