



**KNAUF**CEILING  
Solutions

# ARMSTRONG SCHOOL ZONE BRIGHT



- Armstrong SCHOOL ZONE BRIGHT is a value-for-money product with a structured and ground surface and sound absorption. Along with its water-proof surface, it is an ideal solution for healthcare environments
- Excellent light reflectance (85%)
- Ideal for Education environments



# ARMSTRONG SCHOOL ZONE BRIGHT

| <b>Edge details</b>         |      | Board<br>                                                                                                                                                                                                                                                                                                                                                                                                  | Tegular 24<br>         | Tegular 15 BE<br>               |                  |      |     |     |      |      |      |    |      |      |      |      |      |      |
|-----------------------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------|------------------|------|-----|-----|------|------|------|----|------|------|------|------|------|------|
| <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<br>Prelude XL 32                                                                                                                                                                                                                                                                                                                                                                              | PeakForm 888<br>Select | Select<br>PeakForm Suprafine XI |                  |      |     |     |      |      |      |    |      |      |      |      |      |      |
| <b>Weight</b>               |      | <b>3.5 kg/m<sup>2</sup></b> (0.72 lbs/SF)                                                                                                                                                                                                                                                                                                                                                                  |                        |                                 |                  |      |     |     |      |      |      |    |      |      |      |      |      |      |
| <b>Colour</b>               |      | White                                                                                                                                                                                                                                                                                                                                                                                                      |                        |                                 |                  |      |     |     |      |      |      |    |      |      |      |      |      |      |
| <b>Sound attenuation</b>    |      | CAC = <b>30</b>                                                                                                                                                                                                                                                                                                                                                                                            |                        |                                 |                  |      |     |     |      |      |      |    |      |      |      |      |      |      |
| <b>Sound absorption</b>     |      | $\alpha_w = \mathbf{0.40}$ as per EN ISO 11654:1997 <b>Class D</b><br><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>0.47</td> <td>0.39</td> <td>0.29</td> <td>0.47</td> <td>0.66</td> <td>0.75</td> </tr> </tbody> </table> NRC = <b>0.45</b> as per ASTM C423-17 |                        |                                 | Frequency f (HZ) | 125  | 250 | 500 | 1000 | 2000 | 4000 | as | 0.47 | 0.39 | 0.29 | 0.47 | 0.66 | 0.75 |
| Frequency f (HZ)            | 125  | 250                                                                                                                                                                                                                                                                                                                                                                                                        | 500                    | 1000                            | 2000             | 4000 |     |     |      |      |      |    |      |      |      |      |      |      |
| as                          | 0.47 | 0.39                                                                                                                                                                                                                                                                                                                                                                                                       | 0.29                   | 0.47                            | 0.66             | 0.75 |     |     |      |      |      |    |      |      |      |      |      |      |
| <b>Fire reaction</b>        |      | US: <b>Class A</b> - Flame Spread 25 or Under;<br><b>Class 0 / Class 1</b> based on BS 476 Pt - 6 & 7;<br><b>Class A</b> (China standard - GB/T 14402)                                                                                                                                                                                                                                                     |                        |                                 |                  |      |     |     |      |      |      |    |      |      |      |      |      |      |
| <b>Light reflectance</b>    |      | <b>85%</b>                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                                 |                  |      |     |     |      |      |      |    |      |      |      |      |      |      |
| <b>Thermal conductivity</b> |      | R Factor - <b>1.47</b> (BTU units)<br>R Factor - <b>0.26</b> (Watts units)                                                                                                                                                                                                                                                                                                                                 |                        |                                 |                  |      |     |     |      |      |      |    |      |      |      |      |      |      |
| <b>Humidity resistance</b>  |      | <b>RH90</b>                                                                                                                                                                                                                                                                                                                                                                                                |                        |                                 |                  |      |     |     |      |      |      |    |      |      |      |      |      |      |
| <b>Cleanability</b>         |      | Anti-Microbial performance                                                                                                                                                                                                                                                                                                                                                                                 |                        |                                 |                  |      |     |     |      |      |      |    |      |      |      |      |      |      |
| <b>Sustainability</b>       |      | Recycled Content 41%                      China Green Product Label                      Member of China GBC                      LEED<br>Qualify for LEED Credits                                                                                                                                                                                                                                         |                        |                                 |                  |      |     |     |      |      |      |    |      |      |      |      |      |      |

