



**KNAUF**CEILING  
Solutions

## DATASHEET

# ARMSTRONG SIERRA



Sierra features premium laminated visuals that enhance the aesthetics of any space, elevating its overall appeal.


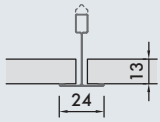
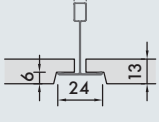
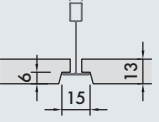
















- Made from new generation biosoluble mineral wool, clay and starch, and offers excellent fire resistance.
- Smooth, white laminate finish provides good levels of sound absorption for acoustic comfort
- High light reflectance (86%)
- ISO 5 clean room performance

#### APPLICATION AREAS

- Open plan offices
- Education
- Call centres (IT/ITES)
- Large Conference Rooms
- Theatres & Auditoriums

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YOUR **CEILING**  
OUR **SOLUTIONS**

<b>Edge details</b>		Board 	Tegular 24 	Tegular 15 BE 														
<b>Thickness (mm)</b>		13	13	13														
<b>Dimensions (mm)</b>		600 x 600 600 x 1200	600 x 600 600 x 1200	600 x 600 600 x 1200														
<b>System</b>		Exposed Grid System, Demountable Ceiling (Prelude 24 mm)		Exposed Grid System, Demountable Ceiling (Suprafine 15 mm)														
<b>Weight</b>		≅ <b>3.6 kg/m<sup>2</sup></b>																
<b>Colour</b>		White																
<b>Sound absorption</b>		<p>NRC = <b>0.70</b></p> <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>α<sub>p</sub></td> <td>0.40</td> <td>0.60</td> <td>0.60</td> <td>0.75</td> <td>0.90</td> <td>1.00</td> </tr> </tbody> </table>			Frequency f (Hz)	125	250	500	1000	2000	4000	α <sub>p</sub>	0.40	0.60	0.60	0.75	0.90	1.00
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α <sub>p</sub>	0.40	0.60	0.60	0.75	0.90	1.00												
<b>Sound attenuation</b>		CAC = <b>28 dB</b>																
<b>Fire reaction</b>		<b>A2-s1, d0</b> as per <b>EN 13501-1</b>																
<b>Light reflectance</b>		Up to <b>86%</b>																
<b>Thermal conductivity</b>		λ = <b>0.060 W/mK</b>																
<b>Humidity resistance</b>		Up to <b>90% RH</b>																
<b>Recycled content</b>		Up to <b>46%</b>																
<b>Clean room classification</b>		<b>ISO 5 (Class 100)</b>																
<b>Cleanability</b>																		
<b>Sustainability</b>		 																

Products may vary from country to country. Please contact your local sales representative.  
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